Daniel Prejean

4508 Graustark ST, Houston, TX, 77006

(346) 336-0155 | daprejean@gmail.com

Date available to begin work: Immediately

SUMMARY STATEMENT

Well-rounded individual with exceptional people, verbal, and analytical abilities. Twelve years of experience in software engineering and consulting, with a B.S. in Physics. Former USAF Reserves and volunteer firefighter. Current TS/SCI clearance with Counter Intelligence Polygraph.

PROFESSIONAL SKILLS

Education	Bachelor of Science in Physics from the University of Houston with a minor in Mathematics.
Employment	Diverse employment background includes both highly technical roles, customer facing positions, and leadership responsibility. Reflects individual commitment to well-roundedness.
Personal	Long-term growth mindset and tenacity in the face of challenges. High endurance combined with a commitment to professionalism and pride in one's work.

PUBLICATIONS

Applying FinTech Economic Models to Space Commerce, October 2023
American Institute of Aeronautics and Astronautics (AIAA) ASCEND 2023

PROFESSIONAL WORK EXPERIENCE

Software Engineering Technical Specialist, July 2023 – Jan 2024
Peraton, Houston, TX
Salary: $150,000 per year
Job Type: 40 hours per week, Full-Time
Supervisor: Dwayne Saunders, (713) 826-1877

Direct contract to NASA supporting the Electronic Systems Test Laboratory of the Avionics Systems Division at Johnson Space Center. Responsible for developing and maintaining the software on space vehicle radio communication test racks. Additionally provided RF hardware configuration and server maintenance in a support role.

SKILLS USED: Python, API Architecture, VMWare, Docker, Git, Gitlab, CI/CD, Agile Methodology, Networking Security, Web Services, UI/UX Design, HTML/CSS/Javascript, Full-Stack Development, Containerization, Object-Oriented Programming (OOP), Radio Communications, Electrical Engineering

Full Time Student, August 2022-May 2023
University of Houston

Senior Software Engineer, Contract, June 2021 – August 2022
Microsoft Corporation, Reston, VA
Salary: $180,000 per year
Job Type: 40 hours per week, Full-Time
Supervisor: Ka-Loon Tung, (703) 649-0839

Provide specialized development and systems support for Microsoft's Intelligence and AI platform / Azure Search cloud product.

SKILLS USED: Microsoft Azure, Azure DevOps Services, Azure Virtual Machines, Azure SQL Database, Azure Blob Storage, Azure Cosmos DB, Azure App Service, Azure Event Grid, Azure Active Directory, Microsoft Entra ID, C#, Elasticsearch, Docker, Kubernetes, Containerization, API Architecture, CI/CD, Test-Driven Development, Cloud Architecture, SaaS, Large Scale Data Management, Data

Security, Cloud AI, Artificial Intelligence, Machine Learning, Agile Methodology, Security Clearance, Extremely-High-Reliability/Performance Services (Department of Defense)

Full Time Student, June 2020-May 2021
University of Houston

1N4xA Cyber Fusion Analyst, August 2019 – March 2020
USAF Reserves, San Antonio, TX
Rank: E3
Unit: 426th Network Warfare Squadron
Veteran's Preference: None
Supervisor: Steven D Prezioso, TSgt, (210) 925-8839

Composite Intelligence Analyst work under NSA sponsorship. Completed USAF Basic Training, Tech School. Responsible for analyzing and compiling sensitive information and presenting it to decision makers. Honorable Discharge due to COVID-19 operational complications.

SKILLS USED: Cyber Security, Network Security, Team Management, Intelligence Analysis, Powerpoint Presentations, Software Engineering, Python, R (Programming Language), C++, Data Science, Artificial Intelligence, Machine Learning, Security Clearance, Extremely-High-Reliability/Performance Services (Department of Defense)

Software Consultant, August 2016 – March 2018
Robert Half Technology, The Woodlands, TX
Salary: $75,000 per year
Job Type: 40 hours per week, Full-Time
Supervisor: Tyler Blau, (281) 681-3046

Contract to assist large-scale web development projects and system architecture/administration. Spec and model product-design solutions, including User Story development combined with actual End User sample testing. Develop rigorous Test-Driven Development Solutions for Continuous Integration / Rapid Deployment projects. Android App Development with C#.

SKILLS USED: C#, C++, Ruby on Rails, Python, UI/UX Design, HTML/CSS/Javascript, Full-Stack Development, Containerization, Docker, API Architecture, CI/CD, Test-Driven Development, Cloud Architecture, SaaS, Data Security, Cloud AI, Data Science, Artificial Intelligence, Machine Learning, Agile Methodology, Software Development Life Cycle (SDLC), Object-Oriented Programming (OOP)

Independent Software Consultant, May 2015 – August 2017
Blue Bird Studios, The Woodlands, TX
Gross Revenue: $110,000 per year
Job Type: 60 hours per week, Self-Employed
Supervisor: N/A

Developed numerous web applications and provided specific software solutions to clients generating over $1M annually in sales. Responsible for gathering requirements from and quoting contracts to clients, as well as working face to face with them to ensure their requirements were met on time.

SKILLS USED: Amazon Web Services (AWS), Golang, Rust, Ruby on Rails, Python, UI/UX Design, HTML/CSS/Javascript, Full-Stack Development, Containerization, Docker, API Architecture, CI/CD, Test-Driven Development, Cloud Architecture, SaaS, Data Security, Cloud AI, Data Science, Artificial Intelligence, Machine Learning, Blockchain, Ethereum, Fintech, Web 3.0

Software Developer II, November 2014 – May 2015
Telesphere/Vonage, Scottsdale, AZ
Salary: $75,000 per year
Job Type: 40 hours per week, Full-Time
Supervisor: N/A

Support Business-facing VOIP and VPN services; support and extend proprietary software using PHP MVC, MySQL, MSSQL, ASP. Support and extend integration with SugarCRM.

SKILLS USED: PHP, Model-View-Controller (MVC), Object-Oriented Programming (OOP), MySQL AND MSSQL, ASP.NET, UI/UX Design, HTML/CSS/Javascript, Full-Stack Development, Wide-Area-Networks (WAN), High-Availability Services, Network Security, VPNs, Quality Assurance, Network Quality Testing, B2B, Software as a Service (Saas), Git, Scrum Master, Agile Methodology, Software Development Life Cycle (SDLC)

Software Developer, June 2012 – April 2014
ETSZONE, The Woodlands, TX
Salary: $12 per hour
Job Type: 40 hours per week, Full-Time
Supervisor: Matt Duzynski, (281) 782-0374

Develop and maintain enterprise-class business applications and web services, CMS and web-influence projects with Ruby on Rails/SQL API-based backend technology, and Angular, React, HTML, CSS, and Javascript-based frontends.

SKILLS USED: Ruby on Rails, PHP, Drupal, Model-View-Controller Frameworks, Polymorphic Database Design, Asterisk, VOIP, Database Architecture, UI/UX Design, HTML/CSS/Javascript, Full-Stack Development, Docker, API Architecture, CI/CD, Test-Driven Development, SaaS, Data Security, Agile Methodology, Software Development Life Cycle (SDLC), Linux, LAMP Stack, MySQL, PostgreSQL, MongoDB, Angular, React, Rust, Phoenix, Elixir, User Stories, Customer Acquisition

Web Developer, March 2011 – April 2012
Murphy and Associates, The Woodlands, TX
Salary: $10 per hour
Job Type: 40 hours per week, Full-Time
Supervisor: Frank Murphy, ftpmurphy@gmail.com

Update and maintain website for a medical collections service including custom database management and client account control. Develop, test, and launch web applications and sites for professional business including medical practice and accounting services. Developed PractAct Website. Created ASP/VB code to manage secure user accounts (including Verisign functionality) and handle complex data transactions. Developed a server-side application to handle processing and analysis of user-supplied data. Programmed the system to auto-generate various reports including internal data reports as well as professional analyses to be supplied to clients.

SKILLS USED: ASP, .NET, Visual Basic, Model-View-Controller (MVC), Subversion (SVN), Git, Version Control, Linux, LAMP Stack, MySQL, UI/UX Design, HTML/CSS/Javascript, Full-Stack Development, Database Architecture, Asynchronous RESTful Web Services, Public Key Infrastructure, Certificates, Extensible Markup Language (XML), Customer Acquisition

OTHER WORK EXPERIENCE

Software Developer, February 2014 – April 2014
Environmental Protection Agency (EPA), Dallas, TX
Salary: $25 per hour
Job Type: 40 hours per week, Contract (Three Month)
Supervisor: N/A

Three month contract to help develop large-scale web applications, internal intranet pages, and small C# .NET utilities for Region 6 of the Environmental Protection Agency (EPA).

SKILLS USED: C#, C++, UI/UX Design, HTML/CSS/Javascript, Full-Stack Development, Data Security, Data Science, Agile Methodology, Software Development Life Cycle (SDLC), Object-Oriented Programming (OOP), Security Clearance

IT Support, May 2021 – June 2021
Borehole Seismic, LLC, Houston, TX
Salary: $15 per hour
Job Type: 40 hours per week, Internship
Supervisor: Sainatha Yathams, (281) 965-9730

Summer internship providing software and data science support for fiber-optic ==oil== and ==gas== exploration modeling. Focus on machine learning with artificial neural networks to process large data sets with artificial intelligence.

Skills: Ruby · Continuous Delivery (CD) · Application Lifecycle Management · Programming Languages · Data Science · Python (Programming Language) · Machine Learning · Artificial Neural Networks

EDUCATION

Bachelor of Science in Physics, May 2023
University of Houston, Houston, TX, GPA 3.7/4.0

CERTIFICATIONS/ACHIEVEMENTS

Texas State Firefighters' and Fire Marshals' Association: Firefighter 1, August 2019
Klein Volunteer Fire Department, Spring, TX

National Association of Emergency Medical Technicians: Tactical Emergency Casualty Care - 2nd Edition Provider, December 2023
Strategic Trauma Solutions at STS - Guadalupe County Fire, New Braunfels, TX

TRAINING

FEMA National Emergency Management Institute: National Response Framework 100-800, February 2-4, 2015: 8 hours
Klein Volunteer Fire Department, Spring, TX

VOLUNTEER EXPERIENCE / COMMUNITY SERVICE

Abundant Harvest Food Kitchen and Poverty Alleviation, 2015-2017
The Woodlands, TX
Volunteering and fundraising in community food kitchen and basic services provision.

American Robotics Academy, 2018
Spring, TX
Teaching young children the fundamentals of robotics and engineering using LEGOs toys.

Lonestar College System, 2016-2019
The Woodlands, TX
Giving presentations and talks as an experienced professional to student members of the computer science club at the local community college.

Space City Pups, LLC, 2020-Present
Houston, TX
Co-founded an LLC to raise money through charitable giving and public events for local animal shelters, and raise awareness for animal care.

Daniel Prejean

- Houston, TX, US

Contact Information

- qxo-47z-pls@mail.dice.com

- 7135814325

Work History

Total Work Experience: 12 years

- **Software Engineering Technical Specialist Peraton (NASA Contract)**
  Jul 01, 2023

- **Senior Software Engineer Microsoft**
  Jun 01, 2021

- **1N4xa Cyber Fusion Analyst USAF Reserves**
  Aug 01, 2019

- **Software Consultant Robert Half Technology**
  Aug 01, 2016

- **Software Consultant Blue Bird Studios**
  May 01, 2015

- **Software Developer ETSZONE**
  Jun 01, 2012

Education

- **Bachelors** | Physics - University of Houston

Skills

- **css** - 13 years
- **html** - 13 years
- **javascript** - 11 years
- **linux** - 10 years
- **php** - 10 years
- **ruby on rails** - 10 years
- **sql** - 10 years
- **asp** - 2 years
- **qa** - 2 years
- **web applications** - 2 years
- **artificial intelligence** - 1 years
- **avionics** - 1 years
- **c++** - 1 years
- **continuous delivery** - 1 years
- **customer acquisition** - 1 years
- **harvest** - 1 years
- **internship** - 1 years
- **proprietary software** - 1 years
- **saas** - 1 years
- **software engineering** - 1 years
- **c#**
- **java**
- **jquery**
- **microsoft sql server**
- **mysql**
- **software development**
- **xml**
- **supervision** - 8 years
- **engineering** - 3 years
- **robotics** - 3 years
- **training** - 3 years
- **software** - 6 years
- **consulting** - 4 years
- **web development** - 2 years

Work Preferences

- Desired Work Settings: No Preference
- Likely to Switch: True
- Willing to Relocate: False
- Travel Preference: 50%

- Work Authorization:
  - US
- Work Documents:
  - US Citizen
- Security Clearance: False
- Third Party: False
- Employment Type:
  - Full-time
  - Part-time
  - Contract - Corp-to-Corp
  - Contract - Independent
  - Contract - W2
  - Contract to Hire - Corp-to-Corp
  - Contract to Hire - Independent
  - Contract to Hire - W2

Profile Sources

- linkedin: https://www.linkedin.com/in/daniel-prejean
- github: https://github.com/bluefalcon26
- Dice:
  https://www.dice.com/employer/talent/profile/5c74b8551a5b85666dccc81c94e7b8b6