

Peter French

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AREAS OF INTEREST

I am experienced in front-end web development, but I am looking for experiences into other areas such as back-end web development, data science, and DevOps to become a more well-rounded software engineer.

EDUCATION

Texas A&M University

Bachelor of Science in Computer Science, 2nd Year

Overall GPA: 3.6, In-major GPA: 4.0

Coursework: Computer Organization, Programming Languages, Data Structures & Algorithms, Linear Algebra, Discrete Math, Calculus I & II, Multivariable Calculus, Programming Fundamentals

College Station, TX

Expected: May 2020

LANGUAGES AND TECHNOLOGIES

- **Expert:** JavaScript, HTML, CSS
- **Experienced:** C++, Java, Matlab, Git, Linux/Unix, Pug/Jade, REST, Node.js, Elasticsearch, D3.js, EC2, Cloudformation, Nginx
- **Passing knowledge:** Python, Golang, PHP, Puppet, Maven, Bash
- **Other:** Atlassian Stack, Microsoft Office, Github, Visual Studio

WORK EXPERIENCE

AlienVault, Austin, TX - alienvault.com

Software Engineering Intern, Summer 2017

- Created integrated Java apps for their cybersecurity SaaS product, specifically for sending alarms and events to Datadog and Slack. Apps were written with Java, Maven, Spring, and Puppet. This was an independent assignment.
- Deployed authentication in front of AlienVault's monitoring dashboards and company statistics pages using AWS Cloudformation templates, AWS S3, nginx, bash scripting, and Puppet. Project was completed independently.
- Reworked AlienVault's monitoring dashboards for first responders, customer support, and the engineering team, from creating new dashboards in Datadog and Kibana to bringing data from Microsoft Azure into their telemetry servers using Java, Maven, and Puppet. Collaborated in a team of four.
- Gathered and sent data to Datadog using Datadog's DogStatsD service from AlienVault's legacy appliance product. Code written in Python in a team of three.

Muxy, Austin, TX - muxy.io

Software Engineering Intern, Summer 2016

- Individually completed a DARPA R&D contract based on retrieving data from the Twitter Public API and displaying it for analysis of a profile based on relationships, phrases used, and influence. Used in Department of Defense training. Web app written in JavaScript using node.js, Pug, CSS, and nginx for server work.
- Created levels for an interactive pachinko game in a team of 4 that can be controlled through chat for a Twitch.tv channel. Written using Swift and SpriteKit.

Software Engineering Intern, Summer 2015

- Created visualizations using d3.js to help streamers analyze their stream and allow them to optimize their stream to maximize returns.
- Performed quality assurance on existing streaming software.

PROJECTS

Twitter Muting Web App

Fall 2016 - [code](#)

- Created app for automatically muting and unmuting Twitter users for a duration of time
- Used Node.js, Pug, Express.js, Golang, AWS EC2 and Lambda
- Written during Texas A&M's Hackathon, TAMUHack

Fwren.ch

Fall 2017 - [code](#) - [link to live site](#)

- Personal website/interactive resume/blog. Continuing to improve over time with new features, the latest of which is a blog.
- Used node.js, Express, pug, CSS3

YeezyBot

Summer 2017 - [code](#)

- Created the backend for a lyric-producing bot in HipChat, began with Kanye West as starting artist. Plan to continue development to bring the bot to the Amazon Alexa platform.
- Used Node.js, Express.js, Genius lyric API

ACTIVITIES

Music

9 years

- I have been playing the bassoon for 9 years. I've played across middle school, high school, and university in both wind symphonies and orchestras.
- Currently, I am the principal bassoonist in the Texas A&M Wind Symphony and the Texas A&M Symphony Orchestra. We give two concerts a semester and rehearse 3 times weekly.
- In addition to the bassoon, I play the tuba, euphonium, and a little bit of saxophone.

Athletics

8 years

- I picked up tennis in 7th grade and have played ever since. Since marching band in Texas is so time consuming, I could only play tennis outside of school in USTA tournaments, where I played 1-2 tournaments a month.
- Recently, I have picked up bouldering and weightlifting. I boulder when I can (since College Station is a bit flat) and I lift weights 4-5 times a week.