

# Teran Peterson

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## EXPERIENCE

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### FPS Gold

Senior Software Engineer

Feb 2023 - Present

Boston, MA

- Leading a team of developers to create a mobile banking app from scratch with Flutter and Dart
- Incorporating Agile into each project phase, increasing developer throughput per week
- Advising an architecture team on proper uses of gRPC, Kubernetes and Redis for a new backend system
- Gave 20+ team trainings on topics such as API architecture, mobile development, and .NET infrastructure

### FPS Gold

Software Engineer

Jan 2021 - Feb 2023

Provo, UT

- Architected an scalable, .NET microservice system to facilitate worldwide online banking for millions of users
- Pioneered a Python CI/CD pipeline to reduce mobile app release time from 12 hours to 3 minutes
- Increased efficiency of team members by training on and implementing advanced .NET debugging tools

### BYU Office of IT

Security Engineer

Jun 2019 - Jan 2021

Provo, UT

- Engineered Docker microservices to aggregate thousands of security events a minute into Humio for analysis
- Utilized Terraform to provision a consistent AWS Cloud environment, reducing user error by over 90%

### BYU McKay School

Software Developer

Mar 2018 - Jan 2019

Provo, UT

- Developed a Drupal web application to automate and standardize advisement of over 70,000 students

## EDUCATION

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### Georgia Institute of Technology

MS, Computer Science

Aug 2022 - Apr 2024

Online Executive Program

- GPA: 4.0

### Brigham Young University

BS, Computer Science

Jan 2018 - Apr 2021

Provo, UT

- GPA: 3.7

## SKILLS

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- **Languages/Frameworks:** C#, Python, Java, Go, Dart, Flutter, .NET, Swift, Kotlin, TCP/IP, DNS
- **Tools/Other:** Docker, Postman, Linux, RabbitMQ, AWS, Linode, NuGet, Humio, Visual Studio Code

## PROJECTS

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Compiler

Java Project

April 2023

Personal Project

- Used Antlr4 and Java to create a compiler for a functional, strongly typed language
- Compiled to MIPS assembly and supported LVN constant folding and global Briggs optimizations