Thomas Blaauw

Software Engineer

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Education

Califorina State Polytechnic University, Pomona
B.S. Computer Science.

Grad: Fall 2020
GPA: 3.74

- Relevant Coursework: Software Engineering, Design and Analysis of Algorithms, Computer Architecture, Operating Systems, Parallel Processing, Mobile Programming (Android), Statistics for Computer Engineers, Compilers and Interpreters.

- Technical Skills: C/C++, Java, Kotlin, Python, Django framework, framework development (write, debug and deploy), integration testing, RDBMS databases using MySQL (focus on Azure and AWS), Android Programming.

Glendale Community College
Pursued B.S. Computer Science, A.S. Math and Physics

Transfer: Spring 2018
GPA: 3.51

- Relevant Coursework: Advanced Data Structures, Advanced Assembly and Computer Archiecture, Advanced C/C++, Calculus I through III, Physics I through III, Linear Algebra.

- Technical Skills: C/C++, Java, MATLAB, Eclipse IDE, Visual Studio IDE.

Experience

Califorina State Polytechnic University, Pomona
Subject Tutor at the Learning Resource Center

February 2018 - Present

- Responsible for tutoring Computer Science core classes and First and Second year Physics classes.
- Promote self-learning and independence.
- Coordinate and lead group sessions to discuss a topic in their course.
- Promote group effort to reach a solution for problems.

Projects

Food Delivery Service
Software Engineering class project
January 2020 - May 2020

The goal of this project was to create a food delivery system that would mimic GrubHub and Postmates. The service was built using the Django framework and entirely built on Python and HTML + CSS. We created and maintained a RDBMS using Amazon Web Services to store our users and restaurants data. My contributions include project leader, the Yelp API integration and testing, the Database interface, software design and group coordination.

Skills

- 4+ years of experience in C/C++

- 3+ years of experience in Java

- 3+ years of experience in Python

- Unit testing

- Framerwork development

- RDBM databases (MySQL)

- Azure and AWS

-Operating systems architecture