Tyler Blanton

Software Engineering Student

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https://www.linkedin.com/in/tylerblanton I https://github.com/tlblanton

Driven, personable, efficient programmer looking to further my career in the Software Development Industry. Passionate about online media content and enhancing the way we experience art and information online. Experience working with various platforms, teams, and technologies. Motivated team player, always prepared to handle any challenge and solve any problem.

SKILLS

- ❖ Highly proficient in C/C++, Java, C#
- ❖ Proficient in JavaScript, Node.js, Python, SQL, Unix Systems Programming,
- ❖ Familiar with Agile Methodologies, GitHub, Team Foundation Server
- ❖ Skilled working on Windows, OS X and Linux

EXPERIENCE

Software Engineering Intern I Vantiv - Denver, CO I December 2015 – Present

- ➢ Worked on a team tasked with creating internal APIs and using APIs exposed by our partners in various projects and websites.
- ➢ Located and fixed bugs in production code resulting in terabytes of saved database space and thousands of dollars in server cost.
- ➢ Represented Vantiv in the PYMNTS.com Alexa Challenge Hackathon leading a team in creating an auctioneer program for Amazon's virtual assistant.
- ➢ Wrote unit and acceptance tests for my code and the code of others.
- ➢ Optimized applications from acquired companies for use with Vantiv's customer base.
- ➢ Assisted in making design decisions regarding scalability and user experience.

Volunteer I Barbara Davis Center for Childhood Diabetes I Summer 2014

Courtesy Clerk I Kroger I Summer 2013

PROJECTS

Ad-Hoc Micro Compiler (C++)

- ➢ Scans any Micro-Language program, runs the scan result through an optimized recursive descent parser, and writes corresponding assembly language to a file.

Restaurant Review Application (Java)

- ➢ Android application that allows users to add restaurants and personalized rating categories and thus increases the amount of information communicated on one screen.

Amazon Alexa Auctioneer Skill (JavaScript)

- ➢ Application that allows users to bid on items by administering voice commands to an Amazon Alexa device. User accounts and items up for auction are read from a private database that is synced with a website where the items can be viewed.

Process Scheduler (C++)

- ➢ Simulates operating system process-scheduling algorithms on large data sets. The user chooses between first come first serve (FCFS), shortest remaining time first (SRTF), and round robin (RR) algorithms. Context switches are calculated alongside average burst, wait, turnaround, and response times.

EDUCATION

University of Colorado Denver I Computer Science BS I May 2014 – May 2018

- ❖ Coursework
  - ➢ Web API Technologies, Universal Compiler: Theory and Construction, Theoretical Foundations of Computer Science, Algorithms, Data Structures, Operating Systems, Discrete Structures, Database Systems, Unix Systems Programming, Graph Theory
- ❖ Clubs and Organizations
  - ➢ ACM national and local chapter (Fall 2014 – present), Robotics Club (2014)
- ❖ 3.309 GPA