Krastan Dimitrov

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Education

UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN   **MAY 2020**
Bachelor of Science, Computer Science   GPA: 3.65/4.0

Related Coursework: Computer Architecture, Artificial Intelligence, System Programming (OS), Algorithms, Database Systems, UI Design, Computer Systems Organization, Compilers, Software Engineering

Languages: Python, C++, C#, C, Java, JavaScript, SQL, Verilog, MIPS, LaTeX, Haskell, Dart

Frameworks: Flutter, React, React Native, Flask, Express

Applications: Git, Vim, Microsoft Azure, Visual Studio, MS Office, VS Code, Atom, Android Studio

Work Experience

DEVELOPER INTERN | ECOLAB   **JUNE 2019 – AUGUST 2019**

- Effectively worked in a team of 6 using Scrum to design, develop and deploy a dashboard in ASP.NET to display over-shipment of fixed contracts on three levels, saving an estimated $10 million loss of revenue in operating income
- Delivered value by increasing visibility of shipment data, reducing manual effort to track lost revenue and predicting shipment ahead of time
- Developed an understanding for the importance of teamwork with strong leadership at all levels of the corporate structure through meetings with the company's CEO during a team outing to St. Paul, MN

SENIOR COMPUTER LAB AIDE | COLLEGE OF DUPAGE   **AUGUST 2016 – MAY 2018**

- Assisted professors and students with technical issues over the phone, in person, and over email on topics ranging from hardware issues to internet connectivity problems
- Trained 10+ new hires and oversaw their development as they gained experience in both the technical and customer service realms until several were promoted from lab aides to senior lab aides
- Communicated information from up the supervision pipeline to other lab aides through the form of presentations and meetings to promote efficiency and a stronger work ethic in the labs

Projects

LyricGenius

- Designed and developed a React Native app to display lyrics for the song currently playing on the user's Spotify
- Utilized the Spotify API in combination with web scraping to access the current playing song and acquire its lyrics

Finesse Nation

- Created an app for sharing free food and giveaways using Flutter and Node.js in a team of 5 from scratch
- Developed features including viewing posts, voting on posts, and marking posts as expired
- Accomplished high code coverage using extensive unit and integration testing using the flutter test framework for the front end and Mocha tests for the backend

iTrust

- Collaborated on an existing codebase emulating healthcare software in a team of 7 using Java for the back end and JSP for the front end following extreme programming practices and test driven development
- Personally created a feature allowing users to preregister to the website and subsequently allowing medical professionals to upgrade pre-registered patients to full user status
- Implemented a feature enabling admins and software testers to filter criteria to view or summarize transaction logs