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: JavaScript, Python, C++, C#, C, Java, SQL, Haskell, Dart

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

Work Experience

MOBILE SOFTWARE ENGINEER | VIGTORY   **SEPTEMBER 2020 – CURRENT**

- Updated and created intuitive views and components per wireframes and mockups, increased UI consistency by replacing five different tab components with one, and fixed various front-end bugs in the Vigtory Android and iOS mobile apps using React Native and GraphQL
- Designed and integrated a tabbed feed of expert content from The Action Network using a REST API enabling users to view the articles in a WebView and share with others
- Refactored multiple bet slip components using techniques like extracting duplicated code, breaking up large components into modular maintainable ones, and simplifying conditional expressions

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
- Acquired 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

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 by taking advantage of the flutter test framework for the front end and Mocha tests for the back end

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