Esther Song

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PROJECTS

FeeLess - Fall 2017
Web application that enable users to transfer money internationally without the fee by matching users with each other based on where they want to transfer money to
- Technologies: HTML, CSS, Javascript, Express.js, Sequelize.js, React.js, PostgreSQL
- Role: (Team of 4) Designed and implemented the database schema; build the backend with express.js/sequelize.js and the frontend dashboard page with react.js.

Peer Tutoring - Fall 2017
Web application where students can either request help from their peers or choose to become a tutor to help teach materials from a class they took previously
- Technologies: Ruby on Rails, Javascript, HTML, CSS, AJAX, Postgresql, Stripe API, Adobe Photoshop
- Role: (Team of 5) Manipulated database schema + attribute's values; designed + implemented the UI

Safe for Dogs - Winter 2017
Android application that determine if a food product is safe for dogs to consume or not, by scanning the barcode
- Technologies: Android Studio, Java, Open Food Facts API, ZXing ("Zebra Crossing")
- Role: Leveraged the ZXing library for accurate barcode scanning and retrieved food facts by integrating with the Open Food Facts; designed the look and feel of the overall application

EXPERIENCE

Financial Systems - Department of Youth and Community Development   New York, NY
Web Development Intern   *October 2017 – Present*
- Building multiple small program to learn the DYCD tech stack: ASP.NET, C#, Angular.js, and MongoDB under the technical mentorship of the financial system lead
- Collaborating with another intern to build a new version of the DYCD agency internal payment structure that allow company personnels to request products they need under budget

CUNY Tech Prep   New York, NY
Software Developer   *June 2017 – Present*
- Selected for a competitive full stack JavaScript training program that prepares students for careers in software engineering
- Learning in-demand technologies like React, Node + Express, and PostgreSQL as well as industry best practices for design, implementation, and deployment such as MVC, version control with Git/GitHub, agile & Scrum with Trello and Slack, test driven development

EDUCATION

Hunter College City University of New York   New York, NY
Bachelors of Arts in Computer Science | GPA: 3.5   *Expected: June 2018*
Relevant coursework: Software Analysis and Design (I, II, III), Computer Architecture (I, I, IIII), Database Management, Android Application Development, Operating Systems

TECHNICAL SKILLS

Languages: C++, JavaScript, Java
Frameworks and Libraries: Express.js, Sequelize.js, React.js, Node.js, Angular.js, jQuery, Bootstrap, Ruby on Rails
Technologies: HTML, CSS, Android Studio, Heroku, Git/GitHub, Adobe Photoshop, Adobe illustrator, SQL, PostGreSQL