Jane Li

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EDUCATION

Duke University   Durham, NC
Bachelor of Science in Computer Science   Anticipated December 2020

- Dean's List with Distinction (F '17, S '18, F '18, S '19, F '19, S'20)
- GPA: 4.0/4.0

TECHNICAL SKILLS

Languages: Java, Python, Hack/PHP, Javascript, Swift, HTML, CSS
Technologies: Git, React, PostgreSQL, Rally, Xcode, Ruby on Rails, AdobeXD, Photoshop, Illustrator

PROFESSIONAL EXPERIENCE

Facebook   Menlo Park, CA
Software Engineering Intern   June – August 2020

- Developed backend for internal tooling (**Hack/PHP**) to facilitate employee productivity and team atmosphere and created custom **React** components, employing hooks, contexts, and **Relay** queries
- Improved internal framework efficacy by implementing predictive models to push relevant information to users and introduced caching to minimize load time
- Enabled automation of internal processes to empower any employee to customize tooling
- Tailored onboarding tooling for incoming interns, increasing sentiments of team belongingness

Mastercard   O'Fallon, MO
Technical Program Management Intern   June – August 2019

- Employed **Agile methodology** in coordinating dependencies and delivery timelines of two projects across 13 teams, documenting progress in **Confluence** and Rally software
- Created custom queries for **Rally Web Services API** and **Rally Lookback API**
- Provided weekly analysis of project team data, suggesting improvements leading to an increase in predictability rates by an average of 80% per team

Duke University Office of Information Technology   Durham, NC
Application Development Intern   May 2018 – Present

- Develop and support an iOS parking app using **XCode** and **Swift** to address the problem of inaccessible parking lot data affecting community of over 37,000
- Configure **Ruby on Rails** framework and write **RESTful API** to support app backend requests, including in-app purchases and push notifications
- Build website from ground up to support real-time visualization of parking lot data (**React**)

PROJECTS

BlueBasket | React, PosgreSQL   Fall 2019
- Application designed to fight food waste and insecurity in the Duke community by providing food vendors and students an avenue to pay their meals forward

Sentiment Audio Visualizer | Javascript, HTML, CSS   Spring 2019
- Web-based application providing a song and visualization based on sentiment analysis of user-given description of their mood

Parkinson's Keyboard Prediction Tool | Python, PostgreSQL   Spring 2019
- Research analyzing predictive models (linear regression, logistic regression, Support Vector Machine, and Naive Bayes) on keyboard data and development of model predicting Parkinson's in users with 75% accuracy