Grant Kayes

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Education

Georgetown University **Washington, D.C.**
B.A. Computer Science, Japanese Minor *2013–2018*

Experience

Northwestern University **Chicago, IL**
Associate Software Developer *January 2019 – Present*
- Developing web applications with a focus on well written backend APIs and intuitive UI and UX with architecture to host informational content and games for 1000+ research participants
- Redesigning messaging application for use by faculty and research assistants, utilizing Google's material web components library for a clean and efficient web experience
- Collaborating with researchers to use data mining tools like Tensorflow for mining tweets and training models for prediction of health trends

Procore Technologies **Carpinteria, CA**
Software Engineer Intern *July 2018 – September 2018*
- Developed web application to house developer questions, knowledge base, and suggestions on future company improvements, providing a powerful internal tool for saving time by collecting and hosting info for developers
- Assisted team in building MyProcore, a personalized experience on the Procore web platform using React and Ruby on Rails, which attracted several high paying clients to the Procore platform

BeneFix **Lancaster, PA**
Platform Engineer Intern *May 2017 – August 2017*
- Built PDF data parser to efficiently automate data uploading to platform, decreased time spent parsing data from a week to several hours
- Designed infographics for several highly successful social media marketing campaigns

Projects

Juke (React Native): Self-designed mobile application built with React Native and Firebase, created as a potential platform for delivery and customer data management

Self-Driving Car (Python3, OpenCV): Training a model for a self-driving car, focusing on using OpenCV for image processing and perceptron to train model for lane detection

Programming Languages & Technologies

Proficient: JavaScript, Ruby/Rails, SCSS, React, Figma, Java
Familiar: C++, Scala, Spark, Python