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Employment

Solutions Engineer **Oppenheimer Funds** **Fall 2017 – Present**

- Design and develop a new app written in a modern stack to streamline and enhance our users reporting process
- Develop and maintain the the new company UI template repository, reducing new application development and deployment time significantly.
- Implemented a bulk mutator in a comprehensive service framework, allowing our applications to modify massive quantities of data
- Run design sessions with our users to understand the users need and create a personal connection between the developer, users, and the app
- Implement and encourage Agile methodologies and practices

Software Engineer, Intern **Oppenheimer Funds** **Summer 2017**

- Quickly learn and interact with Oppenheimer's Database and and Technology Stack
- Research and rewrite the User Interface for applications written in Powerbuilder in Angular.
- Be a part of an on-call team to respond to automation and data errors

Teaching Assistant **Purdue University - Indianapolis** **Fall-Spring 2017**

- Tutored 60+ student on a weekly basis on skills and concepts of the Java, C, and C++ programming languages
- Enforce and encourage test-driven development and continuous integration by creating lessons and assignments that built on previous projects

Research Assistant **Purdue University - Indianapolis** **Spring 2017**

- Data mining research for a Multi-Disciplinary Undergraduate Research Institute hotel review project.
- Classify real hotel review text into distinct groups based on the user sentiment on specific quality criterion.
- Collaborate and communicate with professor and team to provide the highest quality results possible.

EDUCATION

Indianapolis, IN **Purdue University - Indianapolis** **Fall 2014 – Spring 2017**

- B.S. in Computer Science with a Minor in Mathematics, August 2017. In-major GPA: 3.5
- Coursework: Operating Systems; Databases; Algorithms; Programming Languages; Comp. Architecture; Artificial Intelligence; Data Mining; Data Science; Data Structures; Software Testing; Security in Computing; Web Programming; Technical Writing; Systems Programming; Theory of Computation.

TECHNICAL EXPERIENCE

Projects

- **Campus Building Identifier** (2017-Present) Using a continually improving keras model, the application used the camera to take a picture of building and tell the user the building name on campus. Python, Typescript, MongoDB
- **Recipe Book/Pantry App** (2017 – 2018). app that stores your favorite recipes and add them to a shopping list. It also suggests recipes based off what is currently in your pantry. Typescript(Angular/Ionic), Firebase
- **Language Translator** (2019). Created a google translator that showed conjugations of verbs on hover to help learn the target language. Typescript, Python, Firebase

ADDITIONAL EXPERIENCE AND AWARDS

- **Eagle Scout (2013) –** Boy Scout of America Troop 56, Indianapolis, IN
- **American Leadership Academy –** 2015 Phi Kappa Psi Fraternity
- **Chancellors Scholar** – Honors College at Indiana University Purdue university
- **Advanced Certified ScrumMaster -** Scrum Alliance

Languages and Technologies

- C++; C; Java; Objective-C; SQL; PSQL; JavaScript (Angular, React, JQuery); Typescript; XML (XSD) Schema; Python; HTML; Ruby; Haskell; Assembly; Ionic; R; Matlab; Groovy
- Visual Studio; Microsoft SQL Server; Eclipse; Jetbrains; XCode; Git; Atom; MongoDB; Erwin; CAD; Github; CLI; Linux; Docker