**Owen Kealey**

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ooxWord://word/media/image2.jpeg**Education**

**The University of Scranton Scranton, PA**

**Bachelor of Science: Computer Science May 2023**

**Saint Peter’s Prep High School Jersey City, NJ**

**High School Diploma May 2019**

**Relevant Coursework**

Data Structures and Algorithms

Machine Organization and Assembly Programming

Operating Systems

Web Programming

Mobile Application Development (Android)

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**Operating Systems:** GNU/Linux, FreeBSD, Mac

**Programming Languages:** Python, Dart, Java, Swift, JavaScript, C

**Frameworks:** Flask, Flutter, Django, Electron, React JS, Android SDK, iOS SDK

**Cloud Service Providers:** Digital Ocean, GCP, AWS, Firebase

**Databases:** MongoDB, Cloud Firestore, PostgreSQL, Redis

**Other:** Git

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**SwiftSole Development LLC Dallas, TX(Remote)**

**iOS Software Engineer May 2020 – Present**

* Create and maintain iOS apps using Flutter, Dart and Swift for the company’s approximately 85,000 end users.
* Manage NoSQL database systems including security configurations and data schema.
* Implement OAUTH authentication schemes for the company’s iOS apps.
* Coordinate with customer service and product managers to ensure a clean, fast and secure development pipeline.
* Employ CI/CD services with integrated VCS to ensure rapid iteration of updates and bug fixes.
* Write documentation and unit tests for mobile software products.

**Phantom Labs LLC (Now Defunct) Cranford, NJ(Remote)**

**Backend Engineer Sept 2016 – May 2018**

* Developed highly scalable and redundant backend database systems using MongoDB and Redis.
* Implemented a fully custom “online store” solution including inventory management, email confirmations, payment processing and a high-volume order queue using Python, Flask and Digital Ocean.
* Created end-user desktop applications using Electron, Python and NodeJS.
* Created payment processing software that facilitated over $150,000 a year in revenue.
* Worked with customer service representatives and product managers to ensure product quality.

**Make SPP Jersey City, NJ**

**Organizer and Mentor Apr 2016 – May 2018**

* Hosted a workshop on GitHub on its used to novice programmers.
* Assisted in the development of a front facing website using ReactJS
* Organized and oversaw the management of the hackathon’s participants.

**Saint Peter’s Prep Jersey City, NJ**

**Chromebook Technician Jun 2016 – May 2018**

* Oversaw the repair, maintenance, and distribution of the school’s 1200 Acer Chromebooks.
* Repaired many Acer Chromebooks by hand including screen repairs, motherboard repairs and battery replacements.
* Helped maintain an internal inventory database built with Web2Py.