

## EMPLOYMENT

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**Software Developer** **Urner Barry** **June 2017–Present**

- Designed and developed a mobile app for Android and iOS with a REST API backend for customers to view extensive historical data on over 20,000 commodities.
- Lead efforts to optimize company's data collection process by implementing a system of ETL pipelines which saved the data entry team over 100 hours per week.
- Established source control best practices using Git for my team by teaching and helping coworkers with no prior experience.

**Web Developer Intern** **Shore Digital Solutions** **June 2016–August 2016**

- Tasked with improving the performance, redoing portions, and adding features for the company's existing website. Page load speed was improved by 70% based on Google Page Speeds.
- Worked with another intern to improve SEO of the company's website as well as a few client websites.
- Helped other interns with basic IT tasks such as setting up company domain emails.

## EDUCATION

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**West Long Branch, NJ** **Monmouth University** **Fall 2013–May 2017**

- B.S.E. in Software Engineering with a Minor in Physics.
- **Dean's Award of Excellence:** 1<sup>st</sup> place award for my senior project **Campus Security App**.
- **Coursework:** Operating Systems; Data Structures & Algorithms; Programming Languages; Computer Architecture; Theoretical Physics; Modern Physics; Calculus II; Enterprise Mobile Apps.

## PROJECT EXPERIENCE

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- **Cryptocurrency Tracker** (2018). iOS project to quickly view historical data on top cryptocurrency coins using a public API. (Swift, Firebase)
- **Campus Security App** (2017). iOS app where campus police could quickly respond to calls for help or provide escorts across campus using Bluetooth beacons to provide accurate locations. Used Agile methodologies with three team members during the development process. (Swift, Firebase)
- **Personal Website** (2016). Static personal website built on Github Pages where I share my blog posts. (HTML/CSS, Javascript, Jekyll)

## Languages and Technologies

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- **Languages:** Python; Java; Swift; C#; HTML/CSS;
- **Technologies:** Xamarin; Firebase; git; SQL; Django; Tableau; Selenium; Microsoft SQL Server; Amazon Web Services (AWS);