

EMPLOYMENT

Software Developer	Urner Barry	June 2017 - Present
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- Designed and implemented a mobile app for Android and iOS with a REST API backend for customers to view extensive history data on over 20,000 commodities. (Xamarin, C#, SQLite)
- Designed and implemented a Python program to parse a collection of XML and text files which saved the data team over 100 hours per week. (Python)
- Lead the company in moving from Subversion to Github, taught coworkers the git work flow best practices.
- Helped create curriculum for summer interns to give them real world experience with the data science team by working with Python programs.

Web Developer Intern	Shore Digital Solutions	June 2016 – August 2016
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- Tasked with improving the performance, redoing portions, and adding features for the company's existing website. By the time I finished the speed was improved by 70% based on Google Page Speeds. (HTML/CSS, Javascript, PHP)
- 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

West Long Branch, NJ	Monmouth University	Fall 2013 – May 2017
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- B.S.E. in Software Engineering with a Minor in Physics.
- Coursework: Operating Systems; Data Structures & Algorithms; Programming Languages; Computer Architecture; Theoretical Physics; Modern Physics; Calculus II; Enterprise Mobile Apps.

TECHNICAL EXPERIENCE

Projects

- **Cryptocurrency Tracker** (2018). iOS project to quickly view charts and recent 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)

ADDITIONAL EXPERIENCE AND AWARDS

- **Dean's Award of Excellence:** 1st place award for **Campus Security App**.

Languages and Technologies

- **Languages:** Java; Swift; C#; Python.
- **Technologies:** Visual Studio; Eclipse; XCode; Xamarin; Firebase; git; SQL.