

Conor Beck

conor.beck6@gmail.com

Website: <https://conor-beck.github.io/>

Education

Stony Brook University

Bachelor of Science in Computer Science

Stony Brook, NY

August 2014 - December 2018

- Completed Stony Brook's Japanese language study abroad program in Shizuoka, Japan

Work Experience

Rightpoint (formerly known as Something Digital)

New York, NY

Full Stack Software Developer

January 2019 – Present

- Develop ecommerce solutions using PHP and the Magento framework for our clients' various websites
- Develop features for our clients' Shopify Apps using Javascript and NodeJS
- Implement frontend designs and functionality for websites using technologies such as JavaScript, HTML, CSS, LESS, and SASS
- Interface with clients to provide issue resolution and guidance on subjects such as site improvement, security, and growth
- Develop workplans for software development and advise non-technical staff members on technical topics
- Provide server and site upkeep, maintenance, and security using technologies such as Apache, NGINX, and MySQL
- Provide emergency support for site outages to revive sites during critical business hours

Stony Brook Intensive English Center

Stony Brook, NY

ESL Tutor and Global Student Ambassador

January 2017 – December 2018

- Tutored international college students learning English as a second language
- Organized group trips to locations such as New York City
- Organized group activities on and around campus

The Code Source

Riverhead, NY

Software Engineering Intern

September 2018

- The project I implemented for my internship was a user authentication system that can be reused for the company's various different projects
- The project I worked on had both a desktop and web component, I implemented it in C#, HTML, JavaScript, Microsoft SQL Server, and the .NET Framework
- I secured the project using best industry practices to protect against potential hackers

Kidoyo

Stony Brook, NY

Mentor

September 2018

- I taught computer programming to grade school children

Software Development Skillset

Programming Languages: PHP, Java, JavaScript, Python, C, C#, MIPS

Databases: MySQL, MongoDB, Microsoft SQL Server

Technologies: Git, Magento, Docker, NodeJS, React, Shopify, Linux/Unix, .NET, Flask, Android Studio

Python Libraries: NumPy, Pandas, Sci-kit Learn, OpenCV, Matplotlib

Projects (<https://conor-beck.github.io/>)

Mazon: ecommerce website

- Implemented the frontend using HTML, JavaScript, jQuery, JSTL, CSS, and Bootstrap
- Developed the backend using Java servlets, and for database functionality used MySQL

Regio Vinco Map Editor: a map editor for the geography quiz game Regio Vinco

- Employed programming practices in Java such as object orientated programming, singletons, and factories to create the editor
- Used the JSON library to store data
- Created the GUI using JavaFx and developed the project using technologies such as XML and CSS

Stock Market Prediction: Analyzed large stock market datasets using Python's big data and machine learning libraries to predict future stock market data

- Manipulated and parsed a big data set using the NumPy and Pandas libraries in Python
- Performed predictions using the Sci-kit Learn library to predict future stock market data
- Graphed the data for easy analytics using the Matplotlib library

C Shell: Implemented a command line shell in C with the same functionality as the Bash shell

- Developed the shell using the functionalities of the C language such as piping, forking, and execing to make a shell with the same features as Bash

C Memcache Server: Developed a multithreaded memcache server in C

- Incoming requests are stored in a queue data structure before being processed by the multithreaded server. The server locks sections of the code as needed to prevent errors with multithreading
- Key value pairs using a hash map data structure are used for data storage

Additional Experience**Stony Brook University's International Freshmen Mentorship Program***Mentor*

August – December 2018

- I mentored several freshmen students from various foreign countries as one of the first mentors in Stony Brook's pioneer mentorship program

Legends at Northwell Health Jones Beach Theater

Wantagh, NY

Bartender and Cashier

May 2017 - July 2018 (seasonal)

Shibley Day Camp

Roslyn Heights, NY

Counselor

June - August 2014

- Responsible for the happiness and well being of a large group of young children
- Worked with a team of counselors to care for the camp's children

Foreign Language

- Completed three college level courses of Japanese language