Aaron T. Hammer

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Education

University at Buffalo *Expected Graduation June 2019*   Fall 2015 - Present
- Computer Science Major with a Major GPA of 3.38

Skills

Proficient
- Java, JavaScript, and C++

Competent
- Python, Golang, Visual Basic

Frameworks, Libraries, and Technologies
- Git, Heroku, AWS, MongoDB, SQL, jQuery, Sass, EJS, Node.js, Selenium, RESTful API

Projects

13chan
- Semi-anonymous image board created with Node.js and hosted on AWS
- Features user registration with email confirmation, encrypted NoSQL database storage, and session stores
- Dynamic frontend content realized by backend flash messages and shown through EJS

Java Clue
- Clue clone created in Java with user event driven design and jUnit testing
- Module based approached with focus on usability and streamline gameplay

Post Notifier
- Published Google chrome extension that helps automate common user tasks
- Uses jQuery HTTP requests and then parses given data to display as a notification relevant information based on stored user preferences

Python Selenium Automated Room Booking
- Browser automation with chromium using Selenium and the ChromeDriver(WebDriver) to accept UB Library Booking

VBScript Excel Histogram Generator
- Uses user input to quickly generate a histogram and outputs it to Excel where it can be presented

Related Coursework

- Great Ideas in CS
- Digital Systems
- Intro to Deductive Logic
- Intro to CS Majors 1
- Intro to CS Majors 2
- Data Structures
- Digital Systems
- Data Structures

Activities

Boy/Cub Scouts   2005 - Present
- Achieved the rank of Eagle Scout by planning, funding, and directing the erection of a 24-foot flagpole at a WNY Historical Site
- Instructed and received several leadership courses including National Youth Leadership Training (NYLT)
- Voted by fellow peers into the Order of the Arrow (national honorary society of the BSA)

Programming
- Worked as a freelance developer making tasks automated with scripts for mostly time sensitive activities

Community Service
- Raised and helped fund tens of hundreds of dollars donated to nonprofits and my community
- Volunteered at local food banks and churches during the holiday season