Aaron T. Hammer

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Education

University at Buffalo *Expected Graduation August 2019*   Fall 2015 - Present
- Computer Science Major –Senior Year

Work Experience

Clearview Social Buffalo, New York   May 2018 – Present
Software Development Intern
- Assisted in building and testing a new Android and iOS mobile app with the React Native and Redux
- Worked in a fast moving, multifaceted startup with a close engaging engineering team implementing the Scrum agile framework and emphasizing a strong code review culture
- Contributed to client success by helping support with issues from technical support to customer service
- Constructed code using an ORM and raw queries for large scale SQL databases hosted on AWS
- Maintain, developed, and wrote tests for a React UI frontend with a scalable Node.js and Express backend

Skills

Proficient
- JavaScript, Java, C++

Competent
- Python, Visual Basic

Frameworks, Libraries, and Technologies
- Node, Express, API, Git, React, Redux, Webpack, AWS, SQL, Sequelize, NoSQL, MongoDB, and Linux

Projects

13chan
- Semi-anonymous image board created with Node.js and Express originally hosted on AWS's EC2
- 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 with over 70 concurrent users
- Uses jQuery HTTP requests to scrape webpages and then parses given data to display as an intelligent 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

Activities

Boy/Cub Scouts   2005 - 2017
- 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)

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