

# Aaron Taylor Hammer

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## Education

Bachelors of Science in Computer Science  
University at Buffalo • Buffalo, NY • August 2019

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## Experience

### Software Developer Intern

Clearview Social • Buffalo, NY • May 2018 – Present

Worked in a Scrum agile team creating a newly published Android and iOS app with React Native, Redux, and Expo

Maintained and continuously developed a SaaS web app built with React, Node.js, Express, Webpack, and SaSS

Developed and renovate unit tests with Mocha, Chai, and Jest across both mobile and web

Engineered code using Sequelize and with raw SQL queries for MySQL database hosted on AWS's RDS

Updated and created Node/Express RESTful and Web API for communication between the mobile and web app

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## Projects and Achievements

### Buy Pixels – <https://buypixels.net>

Online item WiP eCommerce website built with React hosted on a AWS EC2 Load Balancer

Interactive frontend developed in React, compiled with Webpack, and linted with ESLint

Stores user sessions in an encrypted Elasticache Redis structure store

Encrypts and stores user data in a PostgreSQL database using Sequelize

### Ano Board

**Semi anonymous image board built with Node.js and Express originally hosted on AWS's EC2**

Features user registration, email confirmation, encrypted MongoDB NoSQL database storage, and session stores

### Post Notifier

Published Google chrome extension that automates user tasks with 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 Selenium and ChromeDriver(WebDriver) to accept UB Library Bookings faster than humans

### Boy Scouts of America

Achieved Eagle Scout by planning, funding, and directing the erection of a 24-foot flagstaff at a historical site

Instructed and staffed several leadership courses including National Youth Leadership Training

Voted by fellow peers into the Order of the Arrow (national honorary society of the BSA)

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## Skills

JavaScript • Python • Java • C++ • React • React Native • Redux • Node.js • Webpack • Redis • Git • SQL • NoSQL • SaSS • CSS