

Austin Ward

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EDUCATION

BACHELORS OF SCIENCE, COMPUTER SCIENCE

Binghamton University, Watson School of Engineering
Expected May 2018

Major GPA: 3.07

Relevant Coursework: Data Structures and Algorithms, Design and Analysis of Algorithms, Theory of Computation, Operating Systems, Advanced Computer Organization, Compilers, Systems Programming

SKILLS

Languages: Python, JavaScript, C++, C, Java, Swift

Technologies: MongoDB, Web, TCP/IP, LATEX

Frameworks: Node.js, Express, Bootstrap

Tools: Vim, Git, Nginx, Xcode

DISTINCTIONS

Communication: Observer, Receptive to criticism

Quality: Maintainable code, Rigorous testing

LEADERSHIP

HackBU, Binghamton Hackathon Community

Co-Director

September 2017 - Present

- ❑ Manage all organizers to collaborate with potential sponsors, organize weekly workshops, and market hackathon using social media outlets

HackBU, Binghamton Hackathon Community

Head of Logistics

September 2016 - September 2017

- ❑ Managed team of ten to draft food contracts, organize registration, and design hackathon logo
- ❑ Successfully reached goal of \$30,000 raised

VOLUNTEERING

Lowe Syndrome Foundation

Web Developer

May 2016 - August 2016

- ❑ Designed and developed a mobile-friendly website to increase user experience and readability
- ❑ Configured a reverse proxy nginx server with SSL, allowing integration of Stripe for donations

EXPERIENCE

SOFTWARE ENGINEERING INTERN

Viacom Inc.

May 2017 - August 2017

- ❑ Designed interaction model for displaying automation of TV platform devices (e.g. Roku, Apple TV, etc.) on a grid of output screens
- ❑ Developed a python module tunneling solution for interacting with the HDMI matrix
- ❑ Built an API to interact with the wrapper through various means, including a web interface, Alexa skill and iOS app

PRODUCT MANAGEMENT INTERN

Zebra Technologies

May 2015 - August 2015

- ❑ Updated MC3200 RF gun design and specifications resulting in a more compact and adaptable product
- ❑ Organized product catalog to achieve faster response time to all customers

PROJECTS

Food Bites, *Team of two*

Jan. 2017

Built with: Node.js, AngularJS, ejs, Bootstrap, Python, Beautifulsoup, Flask, Requests, Let's Encrypt

- ❑ Utilized local storage to save ingredients from recipes for later use while grocery shopping

Sealify.me, *BrickHack*, *Team of four*

Mar. 2016

Built with: Node.js, AngularJS, ejs, Bootstrap, Keybase, Google-compute-engine, bcrypt, MongoDB, Redis, Let's Encrypt

- ❑ Built a web app for secure emails applying gpg public and private keys using encryption
- ❑ Received "Best use of Encryption" and "Best Reverse Engineering Hack"

Banking Simpatico, *BigRed*, *Team of two*

Sept. 2015

Built with: Python, Flask, Capital One Nessie API, Priceline API, D3.js Library, Google Material Design Framework

- ❑ Implemented intelligent travel suggestions by using Capital One's API to account for rewards such as cashback and miles
- ❑ Placed in top ten and awarded "Best Use of Capital One API"