

Austin Ward

linkedin.com/in/[wardaustin](#)
austinward.me | github.com/[award28](#)
award9@binghamton.edu | (631) 901 - 3544

EDUCATION

BACHELORS OF SCIENCE, COMPUTER SCIENCE
Binghamton University, Watson School of Engineering
Expected May 2018

GPA: 3.00

Relevant Coursework: Design and Analysis of Algorithms, Theory of Computation, Operating Systems, Compilers, Systems Programming, Advanced OOP, Machine Learning, Programming Languages

SKILLS

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

Technologies: MongoDB, Web, TCP/IP, LATEX

Frameworks: Node.js, Express, Bootstrap

Tools: Vim, Git, Nginx, Xcode, pandas

DISTINCTIONS

Communication: Observer, Receptive to criticism

Quality: Maintainable code, Rigorous testing

LEADERSHIP

HackBU, Binghamton Hackathon Community
Co-Director

September 2017 - February 2018

- ❑ Managed all organizers to collaborate with potential sponsors, organize weekly workshops, and market hackathon using social media outlets
- ❑ Raised more than \$22,000
- ❑ Allocated funds to stay within budget for food, signage, swag, prizes, toiletries, photographers and discretionary day-of costs
- ❑ Assisted hackers throughout event to resolve and understand bugs in their code

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

Diabetic Retinopathy Detection, Team of four Jan. 2018

Built with: pandas, numpy, PIL, glob

- ❑ Built a neural network using no external machine learning libraries to determine the severity of diabetic retinopathy using a set of retina images
- ❑ "Best Civic & Humanitarian Open Source Hack"

Sealify.me, 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
- ❑ "Best use of Encryption" and "Best Reverse Engineering Hack"

Banking Simpatico, 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 top ten and awarded "Best Use of Capital One API"