

Austin Ward

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EDUCATION

Binghamton University, Thomas J Watson School of Engineering and Applied Science

B.S. Computer Science

Expected May 2018

- Association for Computing Machinery
- Society of Hispanic Professional Engineers

Courses: Comp Sys I: Machine Organization | Comp Sys II: Architecture and Programming | Comp Sys III: Advanced Comp Organization | Data Structures and Algorithms | Theory of Computation | Operating Systems | Programming with Objects | Design and Analysis of Algorithms

TECHNICAL SKILLS

Languages: JavaScript, C++, C, Python, HTML, CSS, Java

Software: Git, Vim, Linux, Nginx

Technologies: MongoDB, jQuery, TCP/IP, Let's Encrypt

Frameworks: AngularJS, Node.js, Express, Bootstrap

PROJECTS

Food Bites, Team of two

Binghamton University, January 2017

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

- Implemented a Flask server to scrape recipe data using the Python libraries BeautifulSoup and Requests
- Utilized local storage through a mobile-friendly web app to save ingredients for later use while shopping for groceries
- Achieved 1000+ searches since deployment

Sealify.me, BrickHack, Team of four

Rochester Institute of Technology, March 2016

Built with: Node.js, JavaScript, 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//Hacks, Team of two

Cornell University, September 2015

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

- Implemented intelligent travel suggestions by using Python and Priceline's API to take rewards such as cashback and miles into account when searching for and suggesting hotels to the user
- Placed in top ten and awarded "Best Use of Capital One API"

PROFESSIONAL

EasySim4U, easysim4u.com

San Francisco, CA

Web Developer

September 2016 - Present

- Coordinate with a remote team to update the UI for intuitive navigation across multiple platforms
- Design a shopping cart system which allows transactions through the Payeezy API and the PayPal API

Lowe Syndrome Foundation, lowesyndromefoundation.org

Commack, NY

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 an SSL certificate for HTTPS, allowing integration of Stripe API for simplified donations

LEADERSHIP

HackBU, Binghamton Hackathon Community

Vestal, NY

Head of Logistics

September 2015 - Present

- Manage a team of ten to collaborate with potential sponsors, draft food contracts, organize transportation and registration, design new logo and website, and market hackathon using social media outlets
- Establish connections with other hackathon organizers to arrange trips to various hackathons and promote HackBU
- Successfully reached goal of \$30,000 raised for the 2017 hackathon