

# Anmol Jadvani

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## EDUCATION

**University of Maryland-College Park**  
**BS** Computer Science & Mathematics  
Expected Graduation Spring 2019

## COURSEWORK

**CMSC 351** Algorithms  
**CMSC 330** Programming Languages  
**CMSC 320** Data Science  
**CMSC 216** Computer Systems  
**CMSC 250** Discrete Structures  
**CMSC 132** Object Oriented II  
**STAT 410** Probability Theory  
**MATH 461** Linear Algebra  
**MATH 410** Advanced Calculus I

## PROJECTS

### Cardr

- Built a digital wallet to store data from business cards in the cloud
- Users could take images of business cards and the application would parse the data for storage in our online cloud database.
- Deployed webserver with Node.js and Express to handle the basic functionalities and API calls
- Implemented using Gcloud API and Google Firebase API

### Crisis Connect

- Built cross-platform mobile application that acts as "Waze for Disaster Relief"
- Users could self-report emergencies
- Information was pushed to Hasura web-server
- Used Node.js for both API calls and back-end server for application
- Front-end was written using React-Native.

### Alexa Restaurant Generator Skill

- Alexa certified skill that suggests a random place to eat within a certain distance from the user
- Used Google Places API
- Deployed using AWS Lambda
- Code written in Python

### Simple Shell

- Implemented basic shell operations and functionalities, including file redirection, piping, and subshells
- Code written in C

## EXPERIENCE

### Brainwire Labs

June 2017 - Aug 2017

Software Developer Intern  
Edison, NJ

- Built and deployed a web-based management system for soccer league
- Implemented features such as registration, team management, and tournament scheduling
- Built with PHP, SQL, and vanilla front-end technologies

### Synergix, Inc.

July 2017 - Present

### Contracted Mobile App Developer

Bridgewater, NJ

- Developed a cross platform client system for account access
- Built client in Node.js to support LDAP functionalities for client applications (currently binding and searching LDAP servers)
- Developed mobile client with React Native
- Further work includes implementing more LDAP functionalities

### Rachel Brown Jewelry

June 2017 - July 2017

### Contracted Web Developer

New York, NY

- Built Shopify integration to migrate e-commerce site to the platform
- Built and formatted custom page templates using Shopify Liquid templating language
- Worked with various front end technologies, including Bootstrap, jQuery, HTML, CSS

### City University of New York

June 2015 - Aug 2015

### Research Assistant

New York, NY

- Conducted research under Dr. Teresa J Bandosz and cited as an experimental contributor in the ACS publication
- Studied the use of nitrogen-doped activated carbon-based materials for use as ammonia gas sensors
- Received certification from the U.S. Army through the Army Education Outreach Program (AEOP)

## SKILLS

### Languages

Python	HTML	CSS	Javascript
Java	C	PHP	Matlab
Ruby	Ocaml	C#	R

### Technologies

Node.js	React Native	jQuery	LDAP
Unix	Git	Flask	Adobe

## ACTIVITIES

### Terrapin Hackers

Organizer

- Maintain student-run hackerspace on campus
- Help organize weekly informational classes to teach fellow students about various technologies
- Organize buses to local hackathons

### Bitcamp Organizer

Organizer

- Work with a team to organize annual University Hackathon
- Manage logistics to improve the experience of all members of the hackathon

### Ultimate Frisbee Club

Team Member