

# Neelima Pradhan

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## EDUCATION

**UNIVERSITY OF MARYLAND**  
B.S. IN COMPUTER SCIENCE  
ACES - HONORS CYBERSECURITY  
PROGRAM  
Expected May 2018

## LINKS

Github:// [neelimapradhan](#)  
LinkedIn:// [neelimapradhan](#)

## COURSEWORK

Introduction to Object Oriented  
Programming I/II  
Introduction to UNIX  
Discrete Structures  
Computer Systems  
Algorithms  
Data Structures  
Organization of Programming Languages  
Computer Vision  
Human Computer Interaction

## SKILLS

### PROFICIENT

Java • HTML • CSS • Python  
Flask Microframework • Git

### FAMILIAR

C • JavaScript • UNIX • Node.js  
• jQuery • Ruby • SPIM Assembly

## EXTRACURRICULARS

Association of Women in Computing  
Google Student Ambassador  
Terrapin Hackers  
Nepalese Student Association  
Interprep Coach  
Technica Organizer - All Women  
Hackathon

## EXPERIENCE

### AMAZON | SOFTWARE ENGINEERING INTERN

September 2017 - December 2017 | Seattle

- Automated the testing process for title services in the Amazon catalog.

### GOOGLE | SOFTWARE ENGINEERING INTERN

May 2017 - August 2017 | Seattle

- Implemented promotions for the parking planner feature on Google Maps, which aim to increase feature use by over 50 percent.
- Built a top level card on Google Map's home page to allow users to view and clear their currently saved parking location; receives 20 million daily active users.

### GOOGLE | ENGINEERING PRACTICUM INTERN

May 2016 - Aug 2016 | New York, NY

- Utilized the MVC architectural pattern, javascript, protocol buffers and internal Google libraries to implement and launch two highly requested features for google forms: adding images within questions and within multiple choice item types.
- Tested all code thoroughly with unit and integration testing.

### UMD COMPUTER SCIENCE DEPARTMENT | TEACHING ASSISTANT

January 2016 - Present

- Taught Object Oriented Programming, and Computer Systems.
- Held weekly office hours to mentor students on technical topics and help them with their course projects.
- Grades projects for code style and efficiency.

### UMD CENTER FOR WOMEN IN COMPUTING | TEACHING ASSISTANT

University of Maryland

- Instructed high school girls in UNIX/cybersecurity to inspire minorities/underrepresented students to enter the field of computer science
- Attended weekly meetings to develop curriculums in front-end development technologies

## PROJECTS

### TWEETSPIRE | SUMMER 2015

Personal Project

- Implemented a text-sentiment analysis to visualize negative tweets
- Built a web interface application using Flask, HTML, JQuery to allow people to send inspirational replies

### BLINGSHIELD | ATT WITHACK 2014

Best Use of Vuzix/M2X APIs

- Build an application and integrated voice activation for Vuzix glasses to act as a security tool
- Implemented arduino and M2X to create a visual graph of attacker distance with 98 percent accuracy