

# Neelima Pradhan

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## EDUCATION

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### University of Maryland, College Park

B.S. Computer Science

*Honors Program- Advanced Cybersecurity Experience for Students(ACES)*

Class of 2018

3.87 GPA

## EXPERIENCE

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### Google – Engineering Practicum Intern

Summer 2016

- Accepted an offer for the Engineering Practicum software engineering internship for next summer.

### Nibbly – Software Development Intern

Summer 2015

- Developed the back-end of the iOS/Android application using Python, Flask micro framework and PostgreSQL, taking raw data from FourSquare, Yelp and NYtimes to build a curated deck of venues
- Redesigned UI for web version and implemented location search compatibility using HTML/CSS and JavaScript

### Technica – Lead Organizer

Summer 2015 – Current

- Organizing the first all-girls hackathon at UMD with 400+ participants.
- Increased awareness of computer science and engineering among high school girls, while providing technical mentorship

### UMD Center for Women in Computing – Teaching Assistant

Sept 2014 – Mar 2015

- 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

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### 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

### HerJobs – PearlHacks 2015

*Google Honorable mention*

- Integrated Google Maps API to create data-visualization represented by a heat map of companies with “women-friendly” environments

### BlingShield – AT&T 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% accuracy

## SKILLS & EXTRACURRICULARS

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**Proficient:** Java, HTML, CSS, Python, Flask Microframework, Git

**Familiar:** C, JavaScript, UNIX, Node.js, jQuery