

Neelima Pradhan

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EDUCATION

University of Maryland, College Park

B.S. Computer Science

Honors Program- Advanced Cybersecurity Experience for Students(ACES)

Class of 2018

3.87 GPA

EXPERIENCE

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

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

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

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