Neelima Pradhan

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EDUCATION

UNIVERSITY OF MARYLAND
B.S. in Computer Science
ACES - Honors Cybersecurity Program
Expected May 2018
GPA: 3.87

LINKS

Github:// **neelimapradhan**
LinkedIn:// **neelimapradhan**

COURSEWORK

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

SKILLS

PROFICIENT
Java • HTML • CSS • Python
Flask Microframework• Git

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

EXTRACURRICULARS

Association of Women in Computing

Google Student Ambassador

Terrapin Hackers

Nepalese Student Association

EXPERIENCE

GOOGLE | Engineering Practicum Intern
May 2016 – Aug 2016 | Mountain View, CA
- Accepted an offer for the Engineering Practicum software engineering internship for next summer

NIBBLY | Software Engineering Intern
May 2015 – August 2015 | Newyork City, NY
- 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
University of Maryland
- Organized the first all-girls hackathon 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
- 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
- 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 | 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