

Van Mang

• 4490 Granby Circle, Cumming, GA 30041 • vmang3@gatech.edu • (678) 862-3119 • U.S Citizen

Education

Georgia Institute of Technology

- Masters of Computer Science
- Bachelors of Electrical Engineering
 - GPA 3.25/4.0

Atlanta Georgia

Expected Graduation 2019
Graduated May 2016

Research & Projects Experience

Buffer Overflow Exploitation

Fall 2017

- Launch an attack that exploits a stack buffer overflow vulnerability in C

Malware Analysis

- Investigate running malware's behaviors through analysis engine

Nanodegree Intro to Computer Science

Spring 2017

- Learned key computer science concepts like web applications and python

Energy-Harvesting Bluetooth Wireless Sensor Networks

Fall 2015–Spring 2016

- Create Temperature nodes powered by Solar, RF and Thermoelectric Generators(TEG's)
- Send Temperature data using Bluetooth low energy to Android, iPhone and PC
- Setting up Graphical User Interface using C# to display data from each wireless Sensors

Vertically Integrated Projects

Fall 2014-Spring 2016

eStadium, Sensornets

- Deploy a scalable wireless sensor network in the Georgia Tech football stadium for collecting event and venue related information such as vibration data during football games

Digital Design Laboratory project

- Sonar DE2Bot localization group competition – Placed 1st out of 40

Work Experience & Leadership

AT&T, Atlanta Georgia

June 2016-Present

Sr. Specialist Technology Development Program

Technical Project Manager for WCS(Wireless Communication Services) and WLL(Wireless Local Loops)

- Facilitate and oversee all WCS projects for Alabama, Mississippi and Louisiana Market
- Create detailed worked plans, schedules, projects estimates and status report
- Engaged to coordinate AFFTRCC and SiriusXM testing in possible interference
- Communicate market level status to client sponsors and leaderships
- Managing execution in markets SiriusXM Mitigation/Design Coordination and Drive test

Heery International, Atlanta Georgia

May-August 2015

Electrical Engineer Intern

- Assisted Senior Engineers with design using Revit and Microstation on Projects including Higher Education, Corporate, Government and Healthcare projects

Digital Design Laboratory Teacher Assistant

Fall 2015

- Helped student with debugging circuits and troubleshoot equipments

Skills & Awards

-
- **Software:** Python, C++, C, C#, Java, Matlab QuartusII, Multisim, Ltspice, Mathcad, AutoCAD, Revit, Inventor and Microstation
 - **Communication:** Technical Reports, Presentation, Public Speaking, Project Proposal, Team Meetings, and Web Meetings
 - **Award:** Dean's List Recipient Fall 2014-Spring 2016, Graduated with Honor from Georgia Tech