

# Hanumant (Om) Mahida

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## EDUCATION

### Drexel University

B.S. in Computer Engineering

Philadelphia, PA

(Expected) June 2017

## EXPERIENCE

### Fireflies A.I.

Engineering Lead

Cambridge, MA

December 2015 to August 2016

- Lead system architect design and implemented Node.js platform that was able to handle over 10,000 users
- Designed and built framework to support Slack App and Facebook Messenger APIs
- Deployed machine learning algorithms to help classify data in messages and emails with 98% success rate
- Built website with React.js frontend and Meteor backend along with OAuth 2.0 API capabilities

### Fireflies Delivery

Developer

June 2014 to December 2015

- Designed and developed an iOS application as client-side with cloud-based backend
- Integrated more than 10 APIs including Braintree, Parse, Facebook, Alohar, MapKit, and Fabric

### Lockheed Martin

Systems Engineering Co-Op, Digital Signal Processing

Moorestown, NJ

April to September 2015

- Developed radar signal processing algorithms in MATLAB improving overall simulation accuracy and speed
- Refactored ten-year-old code base to improve functionality and remove unnecessary legacy code
- Modeled algorithm requirements for a solid state radar array using Rhapsody

### Lockheed Martin

Systems Engineering Co-Op, Aegis Display System

Moorestown, NJ

April to September 2014

- Developed automated regression software using Sikuli to verify graphical user interface
- Built automation software architecture for automation scripts in Jenkins with Bash
- Analyzed real-time command system data for networking, firmware, and software issues

## PROJECTS & HACKATHONS

### Dragon Hacks, 1<sup>st</sup> Place Overall: M.S.Q.

January 2015

- Built Google Glass and Myo controlled quadcopter with an Intel Edison as the server

### Animatronic Dragon, Electrical Lead, Project Lead

October 2013 to August 2014

- Responsible for mechanical and electrical project integration on team of ten students
- Developed on Raspberry Pi to control servos for the wings, neck, tail, and eye lids

## LEADERSHIP & ACTIVITIES

### Drexel Hyperloop, Software Subsystem Lead

August 2015 to May 2016

- Leading software team of twenty students to integrate numerous control systems
- Designing system architecture and Android app for pod users

### Drexel Math Club, Treasurer

August 2013 to July 2014

- Handled budget and spending for thirty-member club of undergraduate students

## LANGUAGES AND SKILLS \*Most familiar with

Matlab*	Swift*	XCode*	Java	Deep Learning	Meteor*	CSS/HTML
Node.js*	Jython*	Python*	Jade	Machine Learning*	Linux*	Javascript

## AWARDS

Best Student App from Alohar Mobile App Hackathon

Top 3 in final round of MIT Bitcoin competition for Fireflies App

Lockheed Martin Human Centered Systems SPOT AWARD

Overall Competition Winner at the Ryerson University Invitational T.H.R.I.L.L. Design Competition

