

# Da-Jin Chu

Boston, MA | Available May - Dec 2019  
781-354-1784 | [dajinchu@gmail.com](mailto:dajinchu@gmail.com) | [dajinchu.me](http://dajinchu.me)  
[github.com/dajinchu](https://github.com/dajinchu) | [linkedin.com/in/dajinchu](https://linkedin.com/in/dajinchu)

## Education

---

### Northeastern University

September 2017 - Present

*B.S. in Computer Science. GPA: 3.96*

Coursework: Building Extensible Systems, Object Oriented Design, Embedded Design: Enabling Robotics, Discrete Structures, Fundamentals of Computer Science

Activities: NU Hacks, Paradigm Hyperloop, DivestNU, Tutor for Fundamentals of Computer Science

### Worcester Polytechnic Institute

August 2016 - May 2017

*Dual Enrollment.*

Coursework: Introduction to Electrical Engineering, Digital Circuit Design, Calculus I – IV, Modern Physics

## Skills

---

- **Programming Languages:** Javascript, Java, Python, Ruby, HTML, C, C++, Racket
- **Databases:** MySQL, MongoDB, Redis, Elasticsearch
- **Frameworks & Tools:** NodeJS, Android SDK, Flutter, Arduino, Jekyll, AngularJS, Bootstrap, Rails, Git, VMWare
- **Computer Modeling:** Wolfram Mathematica, Maple, MATLAB, SolidWorks
- **Spoken Languages:** English (fluent), Mandarin (fluent), French (beginner)

## Work Experience

---

### RSA

May 2018 - Present

*Technical Sales Enablement Intern*

- Overhauled how sales engineers find what they need by developing an enterprise search appliance.
- Built a scoreboard for a product training event, boosting engagement and retention for our sales engineers.

### MITRE

May 2016 – August 2017

*GPS Modernization Intern (Summer 2017)*

- Enabled the Air Force to monitor GPS satellite health in real time by developing an interactive map of the GPS constellation and a visualization tool for civilian and military GPS signals.
- Reduced page load time and size by an order of magnitude.

*Open Health Services Intern (Summer 2016)*

- Worked on Cedar, a tool that helps state Medicaid agencies evaluate the validity of electronic health records.
- Directed the transition to test driven development, implemented a RESTful JSON API, and improved usability.

## Projects

---

- **SpAM Research (2018):** Revamped software for conducting word similarity experiments in a psychology lab.
- **MEL (2018):** Co-created MEL, a Racket-based programming language for making beats and livecoding.
- **Battlecode (2018):** Placed top 24 in Battlecode, MIT's strategic artificial intelligence competition.
- **MITRE Hackathon (2017):** Prototyped an app that learns its user's unique gait to detect theft.
- **EDot Calculator (2017):** Designed a handheld calculator for special needs students struggling with decimals.
- **Sandbox Calculator (2016):** Built a gesture based mobile calculator for Android.
- **Crazyflie (2015):** Contributed a beginner friendly flight mode to the Crazyflie open source quadcopter project.

## Interests and Activities

---

**Volunteering:** I mentor kids in Destination Imagination by teaching them the engineering design process.

**Hobbies:** Photography, cooking, quadcopters, music.