

## EDUCATION

### WESLEYAN UNIVERSITY

Middletown, CT

**BA in Computer Science and Mathematics**

May 2017

GPA: 4.00/4.00

## SKILLS

### PROGRAMMING

Over 5000 lines:

• Java • Python • Ruby • JavaScript

Over 1000 lines:

• HTML5 • CSS • C++ • R • SML • d3.js  
• SQL • LaTeX • Mathematica • C

Familiar:

• Rails • Node.js • Bootstrap • C# • Android

### SOFTWARE

• Logic Pro X • Pro Tools • Unity Engine  
• Adobe Photoshop, Illustrator, InDesign,  
After Effects, Premiere Pro, and Audition

### LANGUAGES

Fluent: • English • Bahasa Indonesia

## HONORS

### Huffington-Freeman Scholar

Full-tuition scholarship granted based on academic and leadership achievement.

### Phi Beta Kappa Honor Society (2017)

**Dean's List** (Sep 2013 - May 2017)

**NAMM President's Innovation Award** (2014)

**Sherman Prize** (2014)

Best in mathematics as a freshman.

**Robertson Prize** (2015)

Best in mathematics as a sophomore.

**Silver Medals, Singapore Math Olympiad**  
(2010-2012)

## EXPERIENCE

**FULL-STACK DEVELOPER** Aug 2016 - May 2017

**Quantitative Analysis Center, Wesleyan University, Middletown, CT**

Developed a web visualization with d3.js on US Congressional tweets and configured the stack using Ruby on Rails with PostgreSQL.

**UNDERGRADUATE RESEARCHER** May 2015 - Aug 2015

**Department of Mathematics, Wesleyan University, Middletown, CT**

Examined the properties of *split graphs* as a subset of planar graphs and wrote a program in Mathematica for identification of split graphs.

**STUDENT FORUM INSTRUCTOR** Jan 2017 - May 2017

**Wesleyan University, Middletown, CT**

Designed and taught a college-level course on *Web Development*.

**COURSE ASSISTANT** Jan 2014 - May 2017

**Wesleyan University, Middletown, CT**

*CA for Imperative Programming, Linear Algebra, Discrete Mathematics.*

Graded students homework and held help sessions where students can get additional help with concepts they do not understand.

## PROJECTS

**WESFIX** ([wesfix.wesleyan.edu](http://wesfix.wesleyan.edu))

Developed a website using HTML5, CSS and PHP to streamline the process for reporting and submitting work orders to Physical Plant.

### IGNIS - A VIDEO GAME

Built a STEM related game in C# and was awarded the best game in Videogame Development class.

### NETWORKS IN MUSIC

Analyzed the MIDI tracks of the song *September* using R, to further understand the relation between musical notes and instrumentations.

## RELEVANT COURSEWORK

**Mobile Software Development** Aquincum Institute of Technology

**Distributed Systems, Computer Networks, Software Engineering,**

**Machine Learning and Data Mining, SQL and Databases,**

**Algorithms and Complexity, Network Analysis** Wesleyan University