

# RYAN SOEDJAK

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St. Louis, USA

rsuedjak

el-ectric

## EDUCATION

Candidate for B.S. in Computer Science, GPA: 4.00

Georgia Institute of Technology

August 2017–Present

Atlanta, GA

Expected Graduation: May 2021

Study Abroad: Hong Kong University of Science and Technology

Fall 2019

Hong Kong

Study Abroad: Southern University of Science and Technology

Summer 2018

Shenzhen, China

## EXPERIENCE

AWS Software Development Intern

Amazon

Summer 2020

Virtual Remote

- Created Java database tool that interfaces with internal AWS to help engineers debug problems in Cloudfront edge locations

Teaching Assistant

Georgia Institute of Technology

Summer 2019

Atlanta, GA

- Graded assignments and exams for Georgia Tech's Math 3215: Probability & Statistics

## PROJECTS

CADe

Georgia Institute of Technology

Fall 2020–Present

- Currently developing interconnected Android, iOS, and Windows tools to increase user input bandwidth when using CAD software
- Performed extensive market research by interviewing over 100 engineers; Developed MVP; Filed a provisional patent
- Won Georgia Tech CreateX Capstone; Awarded \$4000 grant by Georgia Tech StartUp Launch; Advanced to Inventure Prize Semi-finals

Georgia Tech ME 2110 Mechatronics Robot

Georgia Institute of Technology

Fall 2018

- Built a robot that competes against others to execute certain mechanical tasks in an arena
- Team Leader in charge of prototyping, electrical components, programming, and report writing
- Placed 5th out of 59 teams

## SKILLS

Programming & Software

Python

Java

MATLAB

SQL

HTML

CSS

LabVIEW

IDA Pro

Ollydbg

LaTeX

Solidworks

Relevant Coursework

Machine Learning

Deep Learning

Game AI

Advanced Algorithms

Database Systems

Reverse Malware Engineering

Linear Algebra

Abstract Algebra

Probability & Statistics

Number Theory

Game Theory

Languages

English (Fluent)

Indonesian (Beginner)

Japanese (Beginner)

## LEADERSHIP

Volunteer Math Tutor

2013–2017

Springfield, MO

- Taught Algebra, Number Theory, Combinatorics, Geometry, Trigonometry, and Calculus to local middle and high school students to prepare for math competitions

## COMPETITION AWARDS



Google Games Atlanta

2018: 4th Place Team



Mercer Spring Programming Competition

2018: 6th Place Team



William Lowell Putnam Competition

2017: Top 30%