

JONATHAN LU

University Address

1 Washington Sq
San Jose, CA 95192

jonathanlu2582@gmail.com

(669) 204-5411

[LinkedIn](#)

Home Address

133 N Temple Dr. APT#53
Milpitas, CA 95035

EDUCATION

San Jose State University, Davidson College of Engineering

San Jose, CA

Major: Bachelor's in Software Engineering

(Expected May 2022)

GPA: 3.53 **Department GPA:** 3.75 **Honors:** Dean Scholar

Current Coursework: Computer Organization & Architecture, Software Design, Object-Oriented Design, Database Management Systems, Engineering Reports

Related Coursework: Java, Python, Web Development, Data Structures & Algorithms, Multivariable Calculus, Discrete Math, Applied Probability & Statistics, Differential Equations, Physics (*Mechanic, Electricity & Magnetism*)

Milpitas High School

Milpitas, CA

High School Diploma, Class of 2018

August 2014 – June 2018

Related Coursework: AP Calculus AB, AP Calculus BC, AP Macroeconomics, AP Microeconomics, AP Physics I, AP Psychology, AP Statistics

Organizations: MathEasy, Read Write & Discover, Our City Forest, National Honor Society

PROFESSIONAL EXPERIENCE

The Opportunities Club, San Jose State University

San Jose, CA

Front-End Developer Extern

May – August 2020

- Regularly attended meetings with industry leaders to accommodate their needs and discuss upcoming plans
- Worked alongside a team of undergraduates to develop a farm supply chain for farm owners in India
- Built the user interface design using React.js/Node.js, HTML, and CSS

WORK EXPERIENCE

Mathnasium of Milpitas, The Math Learning Center

Milpitas, CA

Math Instructor

July 2018 – Present

- Teach students using Mathnasium's curriculum, ranging from Elementary Math through Pre-Algebra, Integrated Math, Algebra I and II, Statistics, and Pre-Calculus
- Maintain a clean and neat workspace to welcome students entering the center
- Assist the lead instructor in evaluating and documenting students' progress

Banana Republic, Great Mall

Milpitas, CA

Sales Associate

June – August 2018

- Worked alongside retail representatives to boost sales by enhancing presentations and advertising collateral
- Operated a cash register to accommodate customers' needs and questions
- Maintained an organized, presentable merchandise to drive continuous sales

PROJECTS

Slay the Python

January 2020 - Present

- A Python Flask application that interacts with users to plan out their day and provide a work-life balance

Sudoku Solver

January 2019 –

May 2019

- A Java Program that follows a Backtracking Algorithm to solve a combinatorial number-placement puzzle through a 9x9 grid

Robot

August 2018 – December

2018

- A robot design created through a electrical, mechanical, and software component that completes a set of tasks, replicating human functions

SKILLS

Languages: Cantonese (native), English (fluent), Mandarin (fluent), Vietnamese (basic), Spanish (basic)

Programming: Java, Python, C++, HTML, CSS, Flask

Software: Microsoft Word, Microsoft Excel, Google Drive, Google Calendar, SolidWorks, Sublime Text, Visual Studio Code, Eclipse, PyCharm