

JONATHAN LU

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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, Linux, Git, Web Development, Data Structures & Algorithms

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 2019 – 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

San Jose, CA

Group Lead, Programmer

January – May 2020

- Developed a Python Flask application for users to plan out their day and provide a work-life balance
- Created a SQLAlchemy database to store account credentials and appointment dates

Sudoku Solver

San Jose, CA

Student Programmer

January – May 2019

- Coded a Java program to solve combinatorial number-placement puzzles through a 9x9 grid

Mechanical Robot

San Jose, CA

Student Software Engineer

August – December 2018

- Built a robot design that completes a set of tasks, replicating human functions
- Wrote the C code blocks to control the robot's movement

SKILLS

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

Programming: Java, Python, C, C++, HTML, CSS, Flask, React.js, Node.js

Software: Word, Excel, SolidWorks, Sublime Text, Visual Studio Code, Visual Studio, Eclipse, PyCharm