JONATHAN LU

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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

PROFRESSIONAL 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

Literacy: Cantonese (native), English (fluent), Mandarin (fluent), Vietnamese (basic), Spanish (basic)
Programming Languages: Java, Python, C, C++, HTML, CSS, Flask, React.js, Node.js
Software: Word, Excel, SolidWorks, Sublime Text, Visual Studio Code, Visual Studio, Eclipse, PyCharm