**JONATHAN LU**

**University Address**  jonathanlu2582@gmail.com **Home Address**

1 Washington Sq (669) 204-5411 133 N Temple Dr. APT#53

San Jose, CA 95192 [Linkedln](https://www.linkedin.com/in/jonathan-lu-162248161/) 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

**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 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