

# Evan Chou

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## EDUCATION

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**Pasadena City College | San Marino, CA**

**May 2023 – June 2025**

*A.S. in Electrical Engineering, A.A. in Engineering Technologies*

**4-year University**

**September 2025 – June 2027**

*B.S. in Electrical Engineering and Computer Sciences*

- (Will transfer in September 2025)

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## TECHNICAL SKILLS

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Programming Languages: Python, Java, C++, C#, JavaScript, HTML, CSS, SQL, R, Swift

Frameworks/Libraries: React, Node.js, NPM, Express, MongoDB/Mongoose, HelmetJS, Scikit-Learn, TensorFlow, Keras, MATLAB, Pandas

Developer Tools: Eclipse IDE, Visual Studio Code, GitHub, Jupyter Notebook

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## PORTFOLIO

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**AI Math Chatbot and Machine Learning Model**

**December 2023 – Present**

*Python, Scikit-Learn, TensorFlow, Keras, HTML, CSS, JSX, SQL*

- Engaged in ongoing learning and research focused on the development of artificial intelligence through machine learning. Proficiently utilizing Python libraries such as Scikit-Learn, TensorFlow, Keras, and more, with the aim of creating an innovative AI-powered math tutoring application.

**Spotify Web Project**

**November 2023 – Present**

*Python, Pandas, HTML, CSS, JSX, SQL*

- Currently utilizing the Spotify API for developers, Python, Pandas, and other web development and data science/analysis technologies with the goal to create a website that features statistics and other data from the user's Spotify account.

**React.js Personal ePortfolio**

**October 2023 – November 2023**

*JSX, HTML, CSS, React, NPM*

- Designed and developed an ePortfolio website leveraging the Create React App package within the Node.js environment. Employed HTML and CSS to meticulously structure text and enhance visual elements for an optimal user experience.
- This project not only honed my skills in front-end development but also deepened my understanding of user interface design principles, resulting in a refined and user-friendly digital showcase.
- <https://evanjchou.github.io/React-Portfolio/>

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## WORK EXPERIENCE

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### Code.org Computer Science Education Advocate Volunteer

December 2023 – Present

- Collaborated with educators to facilitate engaging and interactive coding lessons for students in local schools. Designed and implemented hands-on activities, fostering a dynamic learning environment that demystifies coding concepts and promotes creativity. Mentored and supported students in understanding fundamental programming principles, problem-solving techniques, and the application of coding in real-world scenarios.
- Contributed to the growth of Code.org's outreach efforts, supporting the organization's commitment to diversity and inclusion in computer science education.

### HackforLA Site Volunteer

November 2023 – Present

- Leveraged HTML and CSS languages to actively contribute to the development of the HackforLA website. This experience provided valuable insights into the dynamics of the web development industry, offering a firsthand understanding of its challenges and opportunities. Moreover, through my contributions, I had the gratifying opportunity to give back to my community in Los Angeles, showcasing the intersection of technology and community engagement.

### Roblox Video Game Developer

June 2021 – August 2023

- Engaged in active learning of the Roblox Lua scripting language within Roblox Studio to proficiently develop video games on the Roblox platform. Actively collaborating with fellow Roblox game developers to craft engaging and interactive user experiences, demonstrating a commitment to fostering teamwork and creating enjoyable gaming environments.
- Developed expertise in game design principles to bring game concepts to life and actively engaged with the Roblox developer community in sharing knowledge about latest trends and features.

### Tutors4Kid Math Tutor

July 2020 – June 2022

- Over 110 tutoring hours documented, and created individual lesson plans for children ages 7-12
- During my tenure in a math tutoring role amid the COVID pandemic, I significantly improved my public speaking, teaching, and communication skills. This experience not only strengthened my ability to convey complex mathematical concepts effectively but also honed my capacity to engage and connect with students both in the country and internationally, fostering a positive and productive learning environment.

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## OTHER EDUCATION/CERTIFICATIONS

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### Codecademy Certifications

September 2023 – Present

#### *Data Scientist: Machine Learning Specialist Professional Certification*

- Relevant Coursework: Pandas, Machine Learning Fundamentals, Supervised Learning, Unsupervised Learning, Deep Learning and Neural Networks

#### *Data Scientist: Natural Language Processing Specialist Professional Certification*

- Relevant Coursework: Natural Language Processing, Text Preprocessing, Language Parsing and Quantification, Text Generation, Build Chatbots

#### *Machine Learning / AI Engineer Professional Certification (In Progress)*

- Relevant Coursework: Software Engineering for Machine Learning / AI Engineers, Machine Learning Pipelines, Command Line, Bash Scripting, Regularization and Hyperparameter Tuning

### freeCodeCamp Certifications

November 2023 – Present

#### *Foundational C# with Microsoft Professional Certification*

#### *Information Security Certification*