

ETHAN CLAWSIE

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EDUCATION

Santa Clara University, Class of 2026 *Santa Clara, California*

- Currently working towards a B.S. in Computer Science
- Member of SCU's Association for Computing Machinery (ACM) Club
- SCU Hackathon for Humanity participant

Westlake High School, Class of 2022 *Austin, Texas*

- Graduated Magna Cum Laude
- Won multiple school-wide academic achievement awards

WORK EXPERIENCE

Stealth Tech Startup *Web Development Intern*

May 2022 - August 2022

- Worked full-time as a Web Development intern at a stealth tech startup based in Austin, TX
- Company is founded by an early seed investor of WhatsApp
- Developed browser extensions using Javascript
- Participated in weekly all-hands meetings
- Sat in on pitch meetings with entrepreneurs seeking angel funding and provided input (when asked)
- Assisted other employees within the office with various tasks

Computer Technology Consulting *Entrepreneur*

June 2020 - July 2022

- Started independent technology consulting firm in order to help local children increase their familiarity and comfort with technology
- Taught elementary and middle school kids about technology, such as computer building, website building, and how best to play video games such as Minecraft
- Advertised my services on NextDoor, a local website, to obtain clients
- Consulted with families about setting up ideal virtual learning environments in their homes for e-learning and remote work
- Helped clients with wi-fi connectivity issues to access faster speeds

H.E.B. *Bagger, Cashier*

June 2020 - October 2020

- Worked full time over the summer at my local H.E.B. grocery store, first as a bagger and customer service rep; promoted to cashier after 2 months
- Received and completed cashier training and training in selling tobacco and alcohol products
- Bagged groceries for customers and assisted cashier by retrieving items for customers

- Assisted customers who requested help with carrying and loading groceries into cars
- As cashier, learned and memorized over 50 codes for produce and bakery items
- Operated cash register, scanned items efficiently to meet quota, checked customer IDs for alcohol or tobacco purchases; handled many different forms of payment
- Expanded understanding of the business of grocery sales process and loss prevention
- Handled difficult customer situations with politeness and courtesy
- Learned how to manage time while working long shifts; built endurance for standing for 9 hours and wearing a mask at all times
- Enforced company mask policy and deescalated tense situations with customers when they arose

OTHER COMPUTER SCIENCE EXPERIENCE

Association for Computing Machinery (ACM) Club, Santa Clara University *Member*

September 2022 - Present

- Attend weekly meetings to learn about and engage in activities related to computer science
- Participate in events and hackathons, such as hack for Humanity, of which I was a participant
- Attend lectures by guest speakers from the tech world

FTC Robotics Team, Westlake High School *Member*

August 2021 - May 2022

- Tried out and was selected as a member of award-winning Robotics team, Philobots
- Attended meetings 3 times a week to learn and engage in mechanical engineering, Java coding, communication, teamwork, cooperation, and project management skills while preparing for competitions
- Worked with a team to design, build, and code a robot to compete against other teams in the FIRST Tech Challenge
- My roles within the 8-person team were Programmer (60%) and Designer (40%)
- Programming was done in Java and design was done with SolidWorks

Computer Science Club, Westlake High School *Member*

August 2021 - May 2022

- Attended weekly meetings with other students interested in computer science
- Collaborated with other club members in order to further our knowledge in the field. Such collaboration included programming fundamentals, guest speakers, and peer teaching of ideas

Raspberry Pi Course, The Buildery *Coder*

August 2020

- Explored Raspberry Pi by programming Raspberry Pi with Python to complete tasks
- Learned how to use a BreadBoard and controlled LED lights using Python; explored the basics of Linux
- Developed self-motivation and time management skills to complete course while working full time

Building a Website Course, Code Academy *Coder*

June 2020 - July 2020

- Learned how to code a website from scratch using HTML
- Practiced and implemented HTML basics such as how to format text and lay out pages

- Built an informational website about animals; learned how to insert images and a video player into website

Computer Programming, Independent Project *Programmer*

August 2019 - Present

- Enjoy learning about all aspects of computer programming
- Create video games; develop and program iPhone apps with Swift
- Explore machine learning with Swift, and how to use artificial intelligence (AI) to recognize images
- Contribute code I've written to source libraries such as GitHub (including Web-based tools and website templates written in CSS and HTML) so others can use it

Computer Building and Customizing, Independent Project *Computer Builder*

August 2019 - Present

- Traveled to Silicon Valley to learn how to assemble computers from individual parts; also watched YouTube instructional videos and built my own gaming computer
- Learned the functions of the motherboard, processor, graphics card, and memory
- Teach computer-building skills to others; help friends assemble custom computers and determine the parts they needed
- Help friends manage computer software and hardware upkeep, including how to clean parts
- Constantly update computer with new parts to enhance speed, memory, and graphics

Software and Coding Proficiencies

- Express.js, JavaScript, Node.js, HTML, CSS, SQL, SQLite, Flask, MySQL, Chrome Extensions, Redis, Python, Golang

RELEVANT COURSEWORK

Santa Clara University:

Object-Oriented Programming

Intro to Computer Science

Calculus & Analytic Geometry

Ethics in Technology

Westlake High School:

AP Computer Science

Business Incubator

Swift Coding Pre-AP

Video Game Design