Timothy Hradil

CONTACT ME AT

✉ timhradil@gmail.com

🖥 www.timhradil.com

in @timhradil

🐙 @timhradil

SOFT SKILLS

● ● ● ○ Technical Communication

● ● ● ○ Growth Mindset

● ● ○ ○ Creativity

● ● ● ○ Emotional Intelligence

TECHNICAL SKILLS

● ● ● ○ HTML

● ● ● ○ CSS

● ● ○ ○ TypeScript

● ● ● ○ Python

● ● ● ○ Github

● ● ○ ○ AWS

● ● ○ ○ Linux

● ● ● ○ Java

● ● ○ ○ React

INTERESTS

🖌 Art

⚽ Soccer

🎧 Music

📖 Reading

EDUCATION

Santa Clara Univerity, Santa Clara, CA
B.S. in Computer Science and Engineering | Exp. Jun 2023
- GPA: 3.85/4.0.
- Tau Beta Pi Honors Society.
- University Honors Program.

WORK EXPERIENCE

Amazon, Virtual
Software Development Engineer Intern | Jun 2022 - Sep 2022
- Architected a full stack CMS solution for content on the Amazon Relay platform.
- Leveraged React.js and Typescript to build a dynamic and intuitive front end user experience.
- Utilized a Sprint Boot MVC with AWS services including Lambda, DynamoDB, and IAM as a backend.

humanID, Virtual
Tech Lead | Aug 2021 - Mar 2022
- Direct a team of 15+ developers utilizing effective delegation and collaboration techniques.
- Groom backlog by measuring impact and cost to choose the most valuable projects for each sprint.
- Spearhead tech team vision to consistently align with key performance indicators and company values.

Software Developer Intern | Feb 2021 - Aug 2021
- Cooperated with product managers in 3 week-long sprints to maximize performance.
- Wrote clear and concise documentation for 2 tools to empower collaboration through GitHub.
- Developed front end user interface elements from a spec sheet utilizing HTML, CSS, and JavaScript.

Dakota Systems Inc., Chicago, IL
Software Developer Intern | Jun 2018 - Sep 2018
- Designed new product elements using AWS Rekognition and Instagram API.
- Authored highly maintainable code in python for an AWS system.
- Compiled data from 5 Instagram Accounts for statistical analysis in Python.

LEADERSHIP EXPERIENCE

Association for Computing Machinery, Santa Clara, CA
Treasurer | Apr 2021 - Present
- Recorded all transactions and reimbursements in an efficient and transparent manor.
Member | Sep 2020 - Present
- Won 2021 Winter Break Challenge with a mask detection software employing python and OpenCV.

Santa Clara Consulting, Santa Clara, CA
Consultant | Feb 2021 - Present
- Evaluated efficacy of a discount program by surveying 130 students.

Alpha Kappa Psi - Psi Omega Chapter, Santa Clara, CA
STEAM Committee Head | Feb 2021 - Oct 2021
- Delegated tasks effectively to 6 committee members to host 2 events per quarter
Member | Sep 2020 - Oct 2021
- Fundraised $2000 over a 10-week period with a team of 15 people.

PROJECTS

Mental Health Initiative
- Created a Flutter App with Flask and Redis backend to score colleges on mental health resources with a team of 5.
Risky Roads
- Built backend in Flask and frontend in Swift to dynamically create a risk score given a route with 4 team members.
Blockle
- Developed website in Flask with 4 team members to improve coding education for Hack for Humanity 2021.
Personal Website
- Fabricated personal website, using HTML and CSS, built to hold projects and blogs both personal and professional.
OpenCV Mask Detection
- Composed computer vision program using OpenCV in python to detect whether a user is wearing a mask or not.
Motivational Twitter Bot
- Engineered a program, written in Java, to pull a quote from quotes.rest API and tweets, after manipulation, with Twitter4j.
Blackjack Machine Learning
- Designed reinforcement learning algorithm in pure Java to teach a computer to play Blackjack with 113% growth.