



# Samuel C. Hsu

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## OBJECTIVE

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I am seeking a full-time Web Development position that utilizes my backend, frontend, and AWS skills.

## EDUCATION

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### Computer Science

August 2017 – May 2021

San Diego State University

+ Graduated May 2021 with a Bachelor's Degree in Computer Science

## WORK EXPERIENCE

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### Full Stack Developer

April 2021 – present


Mathly - (E-Learning Startup for teaching K-12 students using AI) 

I am working in Full Stack Development, focused on AWS and React.js (frontend) with Node.js (backend):

- + Developed a Stripe payment/checkout system that uses Express Serverless as backend to make RESTful API requests to Stripe and store customer information, such as customerId, into MS SQL database (hosted on AWS RDS)
- + Configured AWS CodePipeline to deploy from GitHub to Cloudfront
- + Formulated a function that fetches data from MathPix API and parses it into readable equations


### Full Stack Software Development Intern

November 2020 – April 2021

Mathly - (E-Learning Startup for teaching K-12 students using AI) 

### Web Designer

September 2020 – present

Open Dyalog - (Non-Profit Organization) 

I am working remotely to make the website a central hub:

- + Maintained a website with 500+ users and 3000+ pageviews
- + Designed modals and components using UI/UX knowledge
- + Implemented Google Analytics to accurately track growth in users and pageviews

### Student IT Technician

September 2018 – May 2020

San Diego State University

I worked in the College of Sciences as an IT:

- + Evaluated and restored broken computers using Microsoft Deployment Tool
- + Understood both computer hardware and software to accurately report results to supervisor
- + Communicated effectively with professors and students upon deployment of their systems

## TECHNICAL SKILLS

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### Programming Languages / Version Control / Operating Systems

+ Javascript, HTML/CSS, C, Python, SQL, Git, Linux, Windows, MacOS, VMWare

### AWS Cloud Services

+ Cloudfront, CodePipeline, RDS, Cognito, API Gateway, Lambda

## PROJECTS

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### Anti-Theft Detector

+ Created an Package Theft Detector that utilized an Ultra Range Sensor and Raspberry Pi to protect and track everyday packages 

### The Aftermath - 3D Game

+ Collaborated with a team on GitLab to design and deliver a Top-Down Perspective game on Unity using C#