# STEPHEN KIM

## Software Engineer

## CONTACT

stephkim2007@gmail.com ✉

(805) 612-5444 ☎

San Diego, CA 📍

www.linkedin.com/in/stephen skim/ 🔗

github.com/kimsternator 🔗

## EDUCATION

Bachelor of Science
Electrical Engineering:
Machine Learning & Control
Theory
University of California, San
Diego

Master of Science
Machine Learning & Data
Science
University of California, San
Diego

## SKILLS

Python (Django, Flask)
JavaScript (React, Node.js)
C++
SQL (MySQL, NoSQL)
HTML/CSS
Typescript
Machine Learning (Pytorch,
Tensorflow)
Docker

## CERTIFICATIONS

PCEP - Entry Level Python
Programmer
PCAP - Associate Level Python
Programmer

## WORK EXPERIENCE

### Software Development Intern

Amazon
June 2022 - September 2022

- Designed and implemented a notification center feature for Prime Video Android app to persist, manage, and access app notifications using Amazon's internal Figma tool, Kotlin, and Java
- Built feature with MVP design pattern full-stack using Android Layouts and SQL database
- Developed intern project in an Agile process by planning scope through Amazon's intern Jira tool and check-ins with Project Managers

### Software Engineer Intern

Sage - Lockstep
August 2021 - March 2022

- Designed and implemented Gmail plugin to display API data of AR invoice emails in inbox using Google App Script (Javascript)
- Implemented front-end architecture for AR dashboard and email service for production release using React
- Designed connector to Sage Intacct endpoints to import user data using C# and Microsoft Azure Storage

### Summer Research Intern

University of California, San Diego
April 2021 - September 2021

- Analyzed and implemented algorithms from research literature for networking optimization that decreased latency by up to 15% using Python, C++, and Julia
- Wrote portion of research paper for publication and present findings at conference (SRP@ UCSD)

### C++ Notebook Contributor

University of California, San Diego
June 2021 - August 2021

- Authored C++ guidebook for beginner programming students that could save students 60+ hours of their own research and learning time

## PROJECTS

### Relational Database

- Created a MySQL equivalent database with command-line interface, BlockIO storage model, Indexing, and Caching using C++