

ZAIN SIDDIQUI

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EDUCATION

University of California, Irvine
Bachelor's of Science Computer Science

Irvine, California
September 2018 - March 2021

TECHNICAL SKILLS

Backend Programming Languages:	Kotlin, Java, Python, C, C++, C#
Frontend Programming Languages:	JavaScript, TypeScript, React, Redux, HTML, CSS
Architecture:	Event Driven Systems, AWS: Lambda, S3, EC2, SQS, Kinesis
Databases:	SQL, PostgreSQL, SQL Server, MySQL, DyanmoDB
Tools:	Git, Jenkins, Docker, Gradle, CI/CD

EXPERIENCE

Acorns

Software Engineer

April 2021 - Present

- Accelerating the speed of shares settling after batch trades are made on Wall Street for 4.5 million Acorns customers by 50% using Kotlin and AWS.
- Built an industry leading money transfer system that has led to funds being accesible in customer investment portfolios and checking accounts in 2 days, as opposed to 4 days, and addresses the second largest feature Acorns customers have requested.
- Architected and executed a mechanism to add a new partner bank for 2 million customers to Acorns Checking utilizing Kotlin, Ruby on Rails, TypeScript, and AWS.
- Collaborating cross functionally with the Acorns Banking and Financial Operations teams to ensure projects are compliant with strict financial regualtory laws by writing extensive documenation, unit tests, and integration tests.
- Developing with a team of 5 software enginners as the team's only junior engineer.

Cerner (acquired by Oracle)

Software Engineer Intern

May 2020 - July 2020

- Created a full stack web application for 90 million patients globally in a team of four using JavaScript, React, and Redux that enables patient data to sync seamlessly between health care facilities.
- Developed in a Lean-Agile environment, participated in daily scrum meetings, collaborated with solution designers, and tested software using Jest, Enzyme, WebdriverIO, Jenkins, and Docker.

Skyworks Solutions

Software Engineer Intern

January 2020 - July 2020

- Increased availability and security of hundreds of gigabytes of sensitive company data by leveraging Microsoft Azure using C# and ASP.NET.
- Improved security of internal web applications by replacing deprecated third-party APIs with more secure OAuth2-based APIs in Python.

Cloudberry Research Group, UC Irvine

Research Assistant

June 2019 - September 2019

- Built and trained supervised machine learning models on 1.6 billion (2TB of) Tweets using Python.
- Introduced the use of deep learning techniques to 15+ graduate researchers via the AllenNLP research library – used to identify emotional sentiments and make sense of language nuance in Tweets.

County of Orange Health Care Agency

Software Engineer Intern

August 2017 - August 2018

- Increased information retrieval by 200% for hundreds of web applications by migrating back end databases from Microsoft Access to SQL Server.
- Modernized 12 web applications using JavaScript, HTML, and CSS.

iD Tech Camps

Lead Programming Instructor,

June 2017 - August 2018

- Instructed 200+ children/teens and managed/mentored new hire instructors.
- Taught programming topics, such as OOP in C++ and Java, via custom learning methods.