

Sidney Teejay Son

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EDUCATION

University of California, Riverside

Bachelor of Science in Computer Science

Riverside, CA

Sep. 2015 – June 2019

EXPERIENCE

Software Developer

Aegis Treatment Centers

Oct. 2019 – Present

Canoga Park, CA

- Developed full-stack features for internal Electronic Medical Record system for 37 clinics (C#/.NET)
- Implemented functionality to use external API's to import patient data
- Created tools on EMR for financial team to allow faster reconciliation and expedition of claims
- Improved internal API to allow patient check-ins from mobile browser
- Refactored entire back-end billing pipeline to allow billing for all insurance types
- Resolved code conflicts between team and manage feature development (Github & Jira)
- Wrote SQL queries to create financial reports and clean patient data (Microsoft SQL Server)
- Provided ops/on-call support and technical support as needed

PROJECTS

Portfolio Website [Link](#) | *Javascript, React, AWS Amplify*

Nov 2020

- Created a portfolio website to display my work and allow others to learn more about me
- Front-end created using React with Bootstrap and deployed using AWS Amplify

Blog [Github](#) | *Javascript, Python, React, Django-Rest-Framework, SQLite*

June 2020

- Developed a full-stack web blog using Django-Rest-Framework serving a REST API with React as the frontend
- Features include user registration and authentication, uploading images, and public or private posts

Twitter Heatmap [Github](#) | *Python, Django, Tweepy API*

July 2019

- Programmed a web application that visualizes a heatmap indicating high traffic for tweets across the US
- Application allows user to see the location of tweets and search for tweets based on a specific hashtag
- Front-end and back-end made with Django web framework, Tweepy library for accessing Twitter API, PostgreSQL for the database, and pandas for data manipulation

Web Crawler [Github](#) | *Java, Spring Boot, Angular*

May 2019

- Developed a search engine that searches and scores 5GB of scraped .gov web pages based on user search query
- Backend done through Spring Boot, Frontend done through Angular, Webpage scoring done through Lucene for Java
- Led 3 person team to develop features and create design of application

SKILLS

Languages: C#, Javascript, Python, HTML/CSS, SQL, Java

Frameworks: .NET, React, Django/Django Rest Framework, Angular, Spring Boot

Developer Tools: Version Control (Git & SVN), Jira, Linux, Microsoft SQL Server, AWS

ACTIVITIES & LEADERSHIP

Sigma Phi Epsilon

University of California, Riverside

Jan. 2017 – June 2019

- Promoted social media platform and increased attendance to rush events
- Planned and executed social and philanthropic events in concurrence with other organizations
- Attended lectures and workshops to improve leadership, communication, and networking skills