Sidney Tj Son

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EDUCATION

University of California, Riverside — Riverside, CA
Bachelor of Science, Computer Science — *Sep. 2015 – June 2019*

EXPERIENCE

Software Engineer II — Jun. 2021 – Present
Xandr (Microsoft) — *Encino, CA*
- Implemented and maintained new features for data processing pipeline to aggregate large data sets into analytic database (Java/Hadoop)
- Updated reporting data pipeline to allow new functionality for Xandr Monetize and Curate services
- Participated and contributed to the full development life cycle, including documentation, planning, analysis, design, implementation and maintenance (Git/Jira/Confluence)
- Created rigorous unit tests and data comparison tools to ensure code quality
- Provided ops/on-call support and technical support as needed

Software Developer — Oct. 2019 – Jun. 2021
Aegis Treatment Centers — *Canoga Park, CA*
- Developed full-stack features for internal Electronic Medical Record system for 37 clinics (C#/.NET)
- Overhauled entire back-end billing pipeline to allow billing for all insurance types
- Created front-end interfaces for patient and staff functionalities (HTML/CSS)
- Implemented functionality to use external API's to import patient data and verify eligibility
- Improved internal API to allow patient check-ins from mobile browser
- 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 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, PostgreSQL, Pandas* — 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

SKILLS

Languages: Java, C#, SQL, Javascript, Python, HTML/CSS
Frameworks: Hadoop, .NET, React, Django/Django Rest Framework, Angular, Spring Boot
Developer Tools: Version Control (Git & SVN), Jira, Postman, Microsoft SQL Server, AWS

ACTIVITIES & LEADERSHIP

Sigma Phi Epsilon
University of California, Riverside — *Jan. 2017 – June 2019*
- Planned and executed social and philanthropic events in concurrence with other organizations
- Attended lectures and workshops to improve leadership, communication, and networking skills