

Ethan Smith

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WORK EXPERIENCE

Software Engineering Intern Xactly

05/2020 - 08/2020

San Jose, CA

Achievements/Tasks

- Implemented a backend **Java** application for the Privacy and Compliance Team which streamlined the SOC 2 audit process by automating the retrieval of evidence (such as issue tracking and employee data) through the APIs of services like Atlassian Jira, Microsoft Azure DevOps, Workday, and Salesforce
- Constructed a **Java** tool for the above project to convert the unreadable outputs from the APIs (in JSON format) to an easy-to-digest PDF format for use by the external auditors

Product Marketing Intern Teradata

05/2019 - 11/2019

San Diego, CA

Achievements/Tasks

- Overhauled a competitive intelligence sales tool GUI by simplifying the user interface and colloquializing frontend display information which enables the sales team to easily compare different attributes of similar products with potential customers
- Devised business use case slides for custom advanced **SQL** functions which aid customers' understanding and implementation of functions
- Authored a blog on the importance of centralized data access and integrated analytics with the new analytics platform

Data Engineering Intern Warner Bros. Digital Networks

06/2018 - 03/2019

Burbank, CA

Achievements/Tasks

- Performed manual daily data ingestions of key metrics for 12 pages including Ellen DeGeneres, Ocean's 8, and Machinima across five social media channels in small teams with pair tasking QA procedures
- Automated data ingest for Facebook analytics using **Python** and Pentaho which allowed for less manual data ingestion and human errors, increasing accuracy of the data

VOLUNTEER EXPERIENCE

Eagle Scout Boy Scouts of America

08/2009 - Present

Honors

- Vigil Honor: Highest honor for recognition of service in local lodge

V.P. of Communications Operation Smile USC

09/2018 - 09/2020

EDUCATION

B.S. in Computer Science and Business Administration

University of Southern California

08/2017 - 11/2020

Honors: cum laude (GPA: 3.69)

Courses

- Design and Construction of Large Software Systems
- Introduction to Information Security
- Introduction to Artificial Intelligence
- Technology Entrepreneurship
- Mobile Application Technologies
- Strategic Management

TECHNICAL SKILLS

Languages/Frameworks

Java, Python, SQL/SQLite, Kotlin/Android Development, Swift/iOS Development, C++, Angular, and JavaScript

Design Software

Adobe Photoshop, Adobe Illustrator, and Adobe InDesign

Spreadsheet/Data and Analytics Software

MS Excel, Pentaho, Tableau, Teradata, and DB Visualizer

Other

Git, Gradle, Maven, MS PowerPoint, and MS Word

TECHNICAL PROJECTS

Automate Catan (05/2020 - Present)

- Researching the application of machine learning fundamentals to model the popular board game Settlers of Catan
- As a result of this work I am developing the game in **Swift** and constructing an efficient AI agent to play against a human player
- Extends research done by a group of undergraduate students at Stanford

Amazon Comparator (07/2020 - Present)

- Building a web application using **Angular**, **Flask**, and **Python** to compare prices on Amazon with specialized retailers from different industries (e.g. Newegg for electronics and Discogs for vinyl)

BDWallet (08/2020 - 11/2020)

- Developed an Android application in **Kotlin** to showcase the features of Bitcoin Development Kit (BDK), a library being built to simplify the development of cross-platform cryptocurrency wallets