Alex Dien

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Education

University of Utah, David Eccles School of Business   Salt Lake City, UT
B.S in Information Systems   Anticipated: Fall 2022

University of Utah Asia Campus   Incheon, South Korea
Information Systems Minor   May 2022 - Aug 2022

Experience

Intermountain Healthcare   Salt Lake City, UT
Software Engineer Intern   May 2021 - May 2022
- Developed new user interface features for a customer-health app leading to an 80% increase in customer satisfaction
- Developed REST API's using Spring Boot framework to increase app utility by 30%
- Enhanced a web app by implementing Sprint Boot Security best practices leading to a 20% increase in application security
- Collaborated in an Agile/Scrum methodology utilizing cross-functional team sprints and participated in 100% of daily scrums

University of Utah   Salt Lake City, UT
Pathway Engineer Intern   Aug 2020 - May 2021
- Increased internet speed on campus by 14% by replacing and installing new CAT5 and CAT6 cables around campus
- Resolved technical issues for 5+ clients per day by troubleshooting internet problems and installing new hardware for buildings

Projects

Food Review App (*Web Development Project*)   June 2022 - July 2022
- Teamed up with 2 colleagues to implement the design and development of a food app which allows users to browse restaurants and see different reviews
- Completed a full-stack application in 10 days, focusing on authorization and authentication; Used PHP, HTML, Bootstrap, and SQL

Game Day Analytics (*Data Analytics Challenge*)   Feb 2022 - March 2022

- Cleaned and analyzed 1.3 million tweets pulled from Twitter API to analyze and discover key insights from Super Bowl commercials in just 4 days; Used Python, Colab, MongoDB, Tableau

Gifted (*Web Development Project*)   June 2021 - Sep 2021
- Collaborated with 4 colleagues to develop a fully functional web landing page for businesses to interact with 100+ athletes and influencers
- Enhanced business interaction by 50% by connecting web application to the iOS application; Used React, Firebase, Firestore

Skills

- Languages: JavaScript, Java, SQL
- Familiar Technologies: Angular, React, Bootstrap, Spring Boot, Spring Security, Firebase, PHP, MySQL
- Tools: Visual Studio Code, Eclipse IDE, Postman, Tableau, Github, SourceTree, Jira, Scrum/Agile SDLC
- Concepts: web development, database design, computer networking, systems development life cycle, Scrum