Derek Tran

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WORK EXPERIENCE

Software Engineer *July 2021 to present*
GeoSpatial Technologies, Inc. | Tustin, CA
Support development team as a full stack developer.

- Update website's back-end (ASP.NET Core) to use redesigned SQL Server database.
- Convert existing desktop application into web application using ASP.NET Core and Bootstrap.
- Improve and maintain front-end (Ext JS) and back-end (Java) of client's web application.

Technical Support *September 2017 to July 2021*
GeoSpatial Technologies, Inc. | Tustin, CA
Supported development team as a mobile and web application developer while conducting inventory and front office duties.

- Enhanced company's proprietary mobile application (Xamarin) with additional features.
- Manage inventory of over 2000 mobile devices installed with company's software, distributed over more than 20 airports. Tasks include configuration and QA of devices, RMA management, and customer support.
- Wrote user guide documentation for company's mobile application.

EDUCATION

Bachelor of Science, Software Engineering *June 2021*
University of California, Irvine | Irvine, CA

PROJECTS

SealSpotter (5-person team) *October 2020 to March 2021*
React Native mobile application that utilizes citizen science to track and report rehabilitated seals released by the Pacific Marine Mammal Center (PMMC). Reports viewed on React web application for verification and analysis by PMMC members.

- Developed back-end REST API service with Java and Spring and connected it to a MySQL database.
- Utilized Amazon Web Services, e.g. EC2 for web hosting, S3 for image hosting, and RDS for database management.

Petrware (3-person team) *April 2020 to June 2020*
E-commerce site selling computer hardware to the UCI community

- Built front-end client with HTML, CSS, and Javascript.
- Developed back-end REST service with Java and connected it to a MariaDB database.

SKILLS

- Languages: C#, Java, HTML, CSS, JavaScript, C++, Python, Bash
- Database Management: SQL Server, PostgreSQL, MySQL/MariaDB
- Tools/Frameworks: ASP.NET Core, Bootstrap, jQuery, Git, Spring, Maven, Node.js, Ext JS, Xamarin