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QUANG H. TRAN

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EMPLOYMENT

June 2019 – Present   **G2 Software Systems, Inc**   **San Diego, CA**
Software Engineer
- Developed a single page web application using React and Redux along with a Java back-end supported by an H2 database (SQL) for a Government client
- Focused on the developing new React components along with handling big data and optimizing the server API
- Developed, modified, and applied computer modeling and programming applications and following Test Driven Development to analyze and solve mathematical and scientific problems affecting system and program performance.
- Participated in all phases of scientific and engineering projects such as research, design, development, testing, modeling, simulating, training, and documentation.

Jan 2018 – Dec 2018   **Sheek Media, LLC**   **San Diego, CA**
Full Stack Engineer
- Developed a single page web application using React and Redux along with a NodeJS back-end supported by a MongoDB database
- Led the front-end design and UI/UX of the application
- In order to financially support the company, I designed websites for local businesses using CMS software such as WordPress
- Co-founded this start-up company with peers from San Diego State University

EDUCATION

August 2015 – May 2019   **San Diego State University**   **San Diego, CA**
Bachelor of Science, Computer Science
- GPA: 3.85/4.00
- Achievements: Dean's List, Summa Cum Laude, Ranked 3rd in Class
- Undergraduate Coursework: Software Engineering, Operating Systems, Data Structures, Algorithms, Programming Languages, Computer Architecture, Scientific Databases Techniques

TECHNICAL EXPERIENCE & PROJECTS

Jan 2018 – Dec 2018   **Radium Code**
- Designed a single page web application using Pug (Jade) along with a NodeJS back-end and MongoDB database that teaches users the basics of web development
- Focused on the UI/UX front-end development and overall visual presentation of the app
- Hosted and managed on an AWS EC2 server with Ubuntu Virtual Machine

May 2018 – Sept 2018   **Developer Plus**
- Designed a web application that provides e-commerce and introductory programming tutorials to subscribed users
- Technologies include PHP and MySQL to maintain private user data and tutorial/course information
- Hosted and managed on an AWS EC2 Server with Ubuntu Virtual Machine

LANGUAGES AND TECHNOLOGIES

- C++, Java, Python, JavaScript, HTML5, CSS, PHP, XML, SQL, NoSQL (MongoDB)
- React, Redux, NodeJS, Jade, Express, Jest, Enzyme
- Visual Studio, VS Code, MySQL Server, Eclipse, Jenkins, Docker, Bash, AWS, Git
- Linux, Windows