Julian Roberts

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Mission

As a software engineer with experience in health care and a Master's in Computer Science, I'm passionate about environmental sustainability, social justice, and distance running. I'm looking for a company and role to build upon my experience and academic knowledge, growing into a leadership role for the development team.

Work Experience

University of California Los Angeles (UCLA), Los Angeles, CA   August 2017 - July 2020

David Geffen School of Medicine Information Technology (DGIT) Software Development Group

- Experience working with the following core technologies: React Navtive, Python, OpenACS (Oracle/Postgres, TCL, AOLserver/NaviServer), JavaScript, jQuery, CSS, HTML, XML.
- Designed, developed, and supported web, mobile, and database applications as a full-stack programmer, including gathering requirements, design, and implementation using Agile software development practices (Scrum) and leveraging automation practices (CI/CD).
- Wrote detailed software documentation developed and unit and regression tests using Selenium and Katalon frameworks.
- Provided design recommendations to ensure applications were built according to the clients' needs while following modern best practices for web application development.
- Provided a high level of customer service to end-users when support was needed. Support provided included training on specific features of applications and troubleshooting when necessary.
- Managed and worked on multiple projects for multiple clients simultaneously.
- Provided assistance and managed student volunteers and junior staff programmers.
- Conducted small group training and code review sessions regarding programming techniques, standards, and procedures.
- Integrated various complex software components in mobile health, working with personal health information per HIPAA guidelines.
- Researched and made recommendations based on advances in the fields of:
  - Mobile app development
  - Mobile health technologies
  - Databases and database administration
  - Web-based client- and server-side applications
  - Amazon Web Service

Education

University of Colorado, Denver
Denver, CO
August 2020 - May 2022
Master of Science in Computer Science

Pitzer College
Claremont, CA
August 2013 - May 2017
Bachelors of Arts in Biophysics

Texas Military Institute
San Antonio, TX
August 2009 - May 2013
High School Diploma

Other Research Experience

Mayo Clinic, Phoenix, AZ   May 2016 - September 2016

American Association of Physicists in Medicine (AAPM), Undergraduate Fellow

References

- *Available upon request.*