oliver h. b. scott

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TECHNICAL SKILLS

        languages => Java, Kotlin, Swift, Groovy, HTML/CSS, SQL.
       frameworks => SpringBoot, iOS, JQuery, Bootstrap.
testing frameworks => JUnit, Spock, Geb, REST Assured.
            misc. => Git, UNIX/Linux, Docker, Jenkins, MySQL, Redis, BigQuery, VMware.

WORK EXPERIENCE

tradeit
=> nyc, ny
=> full-stack eng.
=> 07/17-present

- Developed a RESTful API unifying disparate brokerage account opening APIs into a single point of abstraction. Provided full end-to-end test coverage.

- Collaborated with designers and stakeholders to build a web app automating user onboarding and API key management. Implemented strategy for handling downtime of upstream services. Provided ~80% end-to-end test coverage.

- Contributed to iOS SDKs provided as drop-in user flows to enable stock trading and brokerage account opening on any app.

- Advocated for best practice by organizing tech-talks and introducing automated GitHub status checks to mark pull requests as unstable in the event of failing tests.

n12 technologies
=> cambridge, ma
=> systems eng.
=> 05/15-02/16

- Architected a master-slave control system for a network of actuators and sensors. Improved system reliability by ~300%.

- Deployed the server, UI, and database as separate virtual machines in order to maximize reliability and scalability.

meditech
=> boston, ma
=> data repository
=> 07/14-12/14

- Increased usability of data for customers by assisting in the migration of data from proprietary data storage formats to equivalent MySQL tables.

EDUCATION

northeastern university
=> boston, ma
=> 3.76 gpa
=> 09/12-01/17

bachelor of science => computer engineering
minor => computer science

Awards => Magna Cum Laude • Eta Kappa Nu IEEE Honors Society • University Honors Program • Dean's Merit Scholarship

Courses => Machine Learning • Algorithms and Data Structures • Programming Languages • Object Oriented Design • Computer Architecture • Computer Networks • Linear Algebra & Differential Equations • Probability & Statistics • Multivariable Calculus • Discrete Math

SELECTED PROJECTS

mocab

- iOS application assisting in memorization of terms and their definitions by way of incessant notifications.

america scores

- Collaborated with a team of six student developers to design and develop a RESTful API following agile and test-driven methodologies.

weatherer

- LAMP stack weather forecasting web app deployed as a DigitalOcean droplet.