

# Shubhankar Singh

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## SKILLS

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### Languages and Tools:

Java (Spring, Mockito) • Python • Scala • JavaScript (Angular, Node, React) • C++ • Processing • SQL • C# • C • Haskell  
ABAP • Maven • Docker • Postman • GitHub • GitLab • Bitbucket • Jira

### Industry Concepts and Practices:

Agile • Git • Scrum • DevOps (CI/CD) • Rev Trac

## WORK EXPERIENCE

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### FIDELITY INVESTMENTS | SOFTWARE DEVELOPMENT ENGINEER INTERN

May 2020 - August 2020 | Seattle, WA (Remote Internship)

- o Served as full stack developer for server stats reporting application from the ground up.
  - Server stats provided health monitoring for brokerage services.
- o Concepts such as multithreading, a pull data model, and modular design incorporated into development.
  - Reduced time taken to pull data from servers by 30 minutes (300% speedup).
- o Technologies and frameworks included Oracle Database, Spring Boot, and Angular.

### VALERO ENERGY | SOFTWARE DEVELOPMENT ENGINEER INTERN

May 2019 - August 2019 | San Antonio, Texas

- o Designed and implemented asynchronous process flow for document archival.
  - Achieved 100% document upload success rate.
- o Created technical design document based on functional specifications.
- o Drove production launch by preparing a technical cutover plan and assisting transition to application support team.
- o Technologies and frameworks included ABAP and SAP integration tools.

### ALLUMIA | WEB DEVELOPMENT INTERN

June 2018 - August 2018 | Seattle, Washington

- o Added single sign-on authentication to multiple internal websites.
  - Updated software design to allow for different scopes of security per user.
- o Drove decisions on website UI/UX.
- o Technologies and frameworks included Vue, Node, and OAuth.

### MACDONALD MILLER | SOFTWARE DEV AND AUTOMATION INTERN

May 2018 – August 2018 | Seattle, Washington

- o Owned testing of new estimating software based in Angular.
- o Developed the OneDrive provider in C# for content management system.
  - Aided in OneDrive integration on multiple UI fronts.
- o Designed web pages for file share and file upload functionality in Angular.

## PROJECTS

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### WaterWorks | Independent Developer

- o Smart IoT device to intelligently water the lawn using voice commands.
- o <https://www.hackster.io/shubhankar-singh/waterworks-1e184a>

### WiseGuy | Independent Developer

- o Published Alexa Skill "WiseGuy" that shares wise sayings with the user.
- o <https://www.amazon.com/UltimateOgee-WiseGuy/dp/B01N5IFFEU>

## EDUCATION

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### Trinity University

Bachelor of Science: Computer Science

Minor: Business Administration

**Roles:** President and Computer Science Tutor for ACM (Association for Computer Machinery), Teaching Assistant for Data Abstraction, Software Engineering, and CS1, Club Tennis President, Trinitonian Webmaster

**Technical Courses:** Algorithms, Data Abstraction, Computer Design, Functional Languages, Theoretical Computer Science, Game Development, Competitive Programming, Graphics, Discrete Structures, Operating Systems, Computer Architecture, Software Engineering

San Antonio, Texas

Expected Graduation: June 2021

Major GPA: 3.6