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(425) 503 - 6299 

TECH SKILLS

Java, JavaScript, HTML/CSS, REST



Python, Spring Boot, React, Kotlin, JSP



JSON, XML, SQL, Android, C#, CI/CD



SOFT SKILLS

Problem solving

Adaptability

Teamwork

Attention to detail

Organization

Communication

Open-mindedness

Creativity

PROJECTS

Comp. Eng. Capstone | UW (2020)

- Sail a ship in VR to deliver PPE supplies
- Online co-op, realistic ship mechanics
- Built with Unity VR, PUN 2 networking

Search Engine | Systems, UW (2019)

- File search engine made with C++
- Implemented file crawler, indexer, query processor, and web server front-end

24-Hour Hackathons | CodeDay

- Hacman: Top Overall App (Spring 2015)
 - Local co-op Pacman; Construct 2
- Hot Potato: Top Overall App (Winter 2015)
 - Multiplayer mobile reaction game; Android Studio, Firebase for networking

ABHINAV SINGH

Software Developer | B.S. in Computer Engineering

EXPERIENCE

Software Engineer Consultant

LТИMindtree | December 2023 – July 2024

- Automated health check and RMA (Return Merchandise Authorization) process/notifications when replacing routers in internal Microsoft network
 - Updated router power module status check scripts written in Python
- Long term medical leave: March – May 2024

Software Developer

Amazon | February 2021 – April 2023

- Full-stack developer in Last Mile, building in Package Tracking page webapp frontend stack & REST APIs for intra-Amazon delivery status microservices
- Facilitated multiple projects that enhanced PT page functionality:
 - Updated user eligibility parameters for determining order delivery options
 - Added ‘Buy Again’ and ‘Cancel Delivery’ actions to new ‘Controls Toolbar’
 - Implemented alert & pause live tracking when delivery driver is on break
 - Ran internal A/B testing for style of Controls Toolbar buttons & carousel
 - Built pop-up fragment for full delivery address when it’s cut off on map
- Collaborated often with external teams (as both client and dependency) to implement features, address bugs/customer issues, & scale for holidays
- Java/Spring Boot based APIs and JavaScript, CSS, JSP reactive frontend

Software Developer Intern

Amazon | June – September 2020

- Automated process of saving internal snapshots of active deliveries on Package Tracking page to debug, test new UI, demo, etc. at any time
- Full-stack development: Java, JavaScript, CSS, JSP, AJAX (for web calls)

Software Developer Intern – Android

OfferUp | June – September 2019

- Developed new feature for Android app to long-press feed item for preview image, price, and seller info; Android Studio, model-view-presenter design
- Converted categories screen from Java/MVP to Kotlin with model-view-viewmodel and databinding design, reduced code by >50%

Computer Vet Consultant

University of Washington | September 2018 – March 2020

- Resolved software/OS issues, troubleshoot library tech, facilitated 3D printing

EDUCATION

Bachelor of Science – Computer Engineering

University of Washington | December 2020

Notable coursework taken:

- Machine learning: un/supervised learn, regression, classification, neural nets
- Artificial intelligence: Markov decisions, Bayesian nets, reinf. learning, searching
- Distributed systems: RPC, clocks, Paxos/multi-Paxos, primary/backup, caches
- Computer security: software/OS, web, and network security, cryptography