Fatima Jangda

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Education

BASc, Engineering Science: Machine Intelligence (Co-op) • **University of Toronto**   Expected: April 2024

- Relevant courses: Computer Algorithms and Data Structures, Systems Software, Database Design, Vector Calculus, Artificial Intelligence, Digital and Computer Systems, Electrical Circuits, Statistics

Experience

Software Engineer • **Arctic Wolf Networks** • **Waterloo, Canada**   May 2022 – May 2023

- Provided alert customizations for clients (JSON, Python, Elasticsearch queries)
- Implemented whitelists and updated the current customerization framework with independently written code
- Investigated various parsing errors from sensor data and coded solutions for exceptions
- Administered and interacted with EKS clusters daily through Lens to visualize resources
- Altered codebase from imperative style to declarative style code

Blockchain Developer • **dApp Technology Inc.** • **Toronto, Canada**   May 2021 – May 2022

- Established user authentication, storage, cloud functions using Firestore and hosted webapps to Google Firebase (React)
- Developed smart contracts for non-fungible tokens, lotteries, and marketplaces (Solidity, Redux)
- Created automated tests and deployed verified contracts to mainnet and Rinkeby/Ropsten test nets (Typescript, HardHat, Truffle, Ganache)
- Created subgraphs for querying networks on Ethereum, and added database functionality to webapps (GraphQL, SQL)
- Developed websites/webapps and fixed any bugs that were found throughout testing process (React, Javascript, Firebase)
- Communicated with clients directly as the lead developer for different projects

Director of Business Relations • **Women in Science and Engineering** • **Toronto, Canada**   June 2020 – May 2021

- Established client relationships including client communication, project management, and strategy development
- Maintained a network of senior contacts that providce for ongoing new business development opportunities
- Raised over $40,000 in sponsorship money as a team

Co-Founder / Senior Software Developer • **FeminSTEM** • **Toronto, Canada**   June 2018 – Present

- FeminSTEM is a nonprofit organization that aims to provide a summer camp experience catered around STEM
- Gained a sponsorhip from the DMZ at Ryerson University in 2018 to fund start-up
- Registered 50 applications for 2018 camp, which an increase of 20%, and 200% in following years
- Created a Virtual Summer Camp for high school students in 2020, registering over 100 students and mentors
- Managed all marketing strategies to promote camp

Awards and Accomplishments

Bloomberg Challenge Winner for Best Hack, NSBEHacks | University of Toronto St. George   2020
Top 5 Finalist, NSBEHacks | University of Toronto St. George   2020
Top 3 Case Competition Winner, Procter and Gamble Case Competition | University of Toronto St. George   2020
RBC Challenge Winner for Most Innovative Hack, ElleHacks | York University Hackathon   2019
Top 5 Finalist, ElleHacks | York University Hackathon   2019

Skills

Languages: Python, Java, Typescript, React, SQL, GraphQL, C, C++, Solidity, HTML, CSS, MATLAB, Verilog, Assembly
Tools and Frameworks: Pandas, AWS (CloudWatch, CloudFormation, DynamoDB, etc.), TensorFlow, Node.JS, Google Firebase, Firestore, Redux, Git/Version Control, Lens