Princejeet Singh Sandhu

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Skills

Programming languages: Java, Python, C#, C++, Typescript, Kotlin, JavaScript

Technologies: Android, Angular, AngularFire2, Angular Material, AWS, Boto3 ExpressJs, FireBase, GDB, HTML/CSS, JSON, JQuery, JUnit, NodeJS, REST api, SOAP, SQL, VCS, WPF, WCF

Experience

BACKEND ENGINEER INTERN   **SHOPIFY**   **MAY 2018 – AUG 2018**
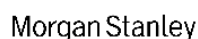
· Merchandising team

ANALYTICS DEVELOPER INTERN   **KINAXIS**   **AUG 2017 – DEC 2017**

· Responsible for maintaining and enhancing applications to be used by multiple internal teams
· Developing new features and test cases for a REST Api (ExpressJs and NodeJs)
· Writing scripts to automate generation of Excel files and updating Confluence pages (C#)

WINTER TECHNOLOGY ANALYST   **MORGAN STANLEY**   **JAN 2017 – APRIL 2017**

· Responsible for developing settlement calculator for credit default swaps
· Implemented SOAP service to communicate between frontend and backend (Windows Communication Foundation(WCF), C++)
· Implemented business logic and database queries on the backend (C++ and Sybase)

SOFTWARE DEVELOPER INTERN   **CAE INC.**   **MAY 2016 – AUGUST 2016**

· Responsible for simulation of audio and communication on the flight simulator
· Designed and implemented three-state (on, off and auto) switches for the flight simulators (C++)

Projects

Internship Finder (https://git.io/vQh2b**)**

· Designed the architecture and the User Interface for the system
· Implemented login and auth guard functionality (TypeScript, Angular and Firebase Authentication)
· Retrieved data from Firebase and implemented filtering and sorting features (TypeScript and AngularFire2)

Tip Calcuator (https://git.io/vQhaT**)**

· Learned Kotlin and its usage in android development by making an Android App (Kotlin)
· Implemented features to change activities, save default values and user settings

Litetube (https://git.io/vNkT4**)**

· Developing a less distracting YouTube client. (Angular, Flask RESTful and Google API)

Education

BASc SOFTWARE ENGINEERING   **UNIVERSITY OF OTTAWA**   **SEPT 2014 – DEC 2018**