ANUNOY SIDDARTH DUSSA

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Education

Georgia Institute of Technology   Atlanta, GA
Master of Science, Computer Science   January 2021 – May 2022
- **Cumulative GPA: 3.88 / 4.0; Major GPA: 3.88 / 4.0**
- Concentrations: Machine Learning and Human-Computer Interaction

Bachelor of Science, Computer Science   August 2016 – December 2020
- **Cumulative GPA: 3.76 / 4.0; Major GPA: 3.56 / 4.0**
- Concentrations: Intelligence and People

Experience

Walmart Global Tech   Bellevue, WA
eCommerce Software Engineer II | Glass Wellness Android   July 2022 – Present
- Refactored and reimplemented an insurance form that follows the MVVM + clean architecture pattern
- Developed a RRule parser that returns timestamps while accounting for time zones and daylight savings
- Created a module that programmatically updates its design and layout based on the business-side inputs
- Updated unit tests and resolved technical debt issues to keep code consistent, up-to-date, and error-free
- Collaborated with the Product, iOS, and Design team to ensure consistency in the app among all platforms

Walmart Global Tech   Remote
eCommerce Software Engineer Intern | Wellness Android   June 2021 – August 2021
- Updated the More module with the Model View Presenter Design pattern and converted Java code to Kotlin
- Created a custom progress spinner component and programmatically updated its style based on the layout
- Improved accessibility by supporting Android's TalkBack feature and programmatically updated the content description for unlabeled button and views
- Added an "Allergic" field to the medications section and sent the data to the Walmart Pharmacy database

Amazon   Remote
Software Development Engineer Intern | Hardlines Customer Experience   May 2020 – August 2020
- Implemented a filter option on Amazon's *Your Fanshop* webpage to improve the user experience
- Utilized AJAX calls to retrieve Amazon products from their database and display them on the page
- Programmed the feature using JSP, Java, and JavaScript along with Amazon-specific UI components

Augusta University *(github.com/adussa3/Brainy-Spelling-1)*   Atlanta, GA
Android Developer | Brainy Spelling 1   August 2018 – May 2019
- Worked on a team of 6 and developed an app that teaches preliterate children how to spell English words
- Constructed a low fidelity paper prototype for 17 activity screens and programmed 20+ layouts of the app
- Applied the Agile methodology and implemented vertical integration between the frontend and backend

Projects

House Price Prediction *(arnabdey.github.io/MLProjectWebsite)*   October 2019 – November 2019
- Worked on a team of 5 and tested 5 machine learning models to predict house prices in Victoria, Australia
- Implemented a decision tree model to predict house prices with over a 60% accuracy in under 30 seconds
- Visualized real estate data by plotting the location of 99,000+ houses and color-coded them by their price

Skills

Languages	Java, Kotlin, Python, JavaScript, C, C++, Assembly, HTML5, CSS3, JSP, XML, SQL, SQLite
Frameworks	Bootstrap, Mapbox, JavaFX, ROS
Software	Adobe Photoshop, Inkscape, MATLAB, JetBrains IDEs, Android Studio, Flipper, Postman, Tableau, Gazebo
Coursework	Object-Oriented Programming, Data Structures and Algorithms, Object and Design, Agile and Scrum, Artificial Intelligence, Design Sind Analysis – Algorithms, Computer Organization and Programming, Machine Learning, Computer Vision, Natural Language Processing, User Interface Design, User Interface Software, Mobile And Ubiquitous Computing