Linh TT Tran

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EDUCATION

Bryn Mawr College 										Expected graduate May 2023
B.A. in Computer Science, GPA: 3.9 										*PA, USA*
Relevant Coursework: Analysis of Algorithm, Software Engineer, System Programming, Android App Development, Cybersecurity, Principles of Computer Organization, Data Structures, OOP in Java, Introductory Statistics, AI

TECHNICAL SKILLS

Languages: Java, JavaScript, Python, C
Frameworks/Other technologies: Angular, TypeScript, Node.js, Express.js, Java Spring Boot, Google Protocol Buffers, HTML, CSS, Mongoose, React Native, Back4App
Developer Tools: PuTTY, Atlassian, IntelliJ, Eclipse, Android Studio, VSCode, Postman, PyCharm, Git

EXPERIENCE

Software Engineering Intern 										June 2022 – Aug. 2022
Morgan Stanley 										*New York City, NY*
- Implemented new endpoints using **Java Spring Boot** in **4** middle-tier services to create a complete flow for receiving users' requests, querying data from database & sending data back to UI
- Created a well-formatted table with **HTML/CSS5**, providing critical data queried using new endpoints for **17,600+** users of the second most profitable business segment of the company
- Generated a table view, using **Angular & TypeScript**, as an alternative to the current linear view of data for better readability & user-friendliness; created a toggle button switching between 2 views
- Gained **full-stack** experience, worked through & debugged multiple different code bases together, communicated effectively with **7** other developers globally, presented project to **100+** people in the team

Software Engineering Intern 										June 2021 – Aug. 2021
Di Chung Joint Stock Company 										*Hanoi, VN*
- Detected a time-consuming issue, proposed a solution, then built, released a mobile **React Native** app as a solution, which automatically updates revenue report, efficiently saves Sales department 1 hour/day
- Developed a full-stack web application, using **JavaScript, Node.js, Express.js, MongoDB, and HTML/CSS** for a side project by collaborating successfully with **5** colleagues

Teaching Assistant 										Feb. 2021 – May 2021
"Data Structure" & "Introduction to Computer Science" courses 										*Bryn Mawr College*
- Held **10** weekly sessions, helped around **5** peers score up to **60** percent higher and better understand the lectures
- Assisted dedicatedly students with **7** lab assignments and **2** exams about data structures

Android University 										Feb. 2021 – May 2021
CodePath.org 										*Remote*
- Acquired competent **Android app development** skill by building 5 Android apps (including back-end & front-end), using **Java** and **Android Studio**
- Developed To-do app with 4 CRUD operations; Flixter app that allows browsing movies from the Movie Database API; Tweet app that utilized Twitter API, allowed logging-in to real Twitter accounts via OAuth login, composing new tweets, viewing timeline...; Instagram Clone app using Parse authentication with 4 main features: creating account, signing-up/signing-in, taking photo, uploading new posts with photo and caption
- Led a team of 3 to build **Fake Caller** app, which allows users to make fake calls to avoid dangerous situation, schedule fake incoming calls, and make a real call to 911 by utilizing **Back4App** effectively to manage database

PROJECTS

Path-finding Visualizer | **JavaScript, Express.js, HTML/CSS** 										June 2021 – Aug. 2021
- Built a tool that visualizes the path-finding processes of different algorithms, generates animation of the shortest path found, and allows creating blocking walls between start and target nodes

Together | **JavaScript, Node.js, Express.js, MongoDB (Mongoose), HTML/CSS** 					June 2021 – Aug. 2021
- Developed a full-stack web application that allows users to create an account, log-in/log-out, pair with each other via unique ID, count together-days, write diaries, and send real-time messages using **Socket.IO**