

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, MongoDB, React Native, Back4App

Developer Tools: PuTTY, Atlassian, IntelliJ, Eclipse, Android Studio, VSCode, Postman, PyCharm, Git

EXPERIENCE

Software Engineering Intern

June 2022 – present

Morgan Stanley

New York City, NY

- Implement a new endpoint using **Java Spring Boot** in middle-tier service to query data and display a new data table with **HTML/CSS5**
- Merge 5 pages of data into 1 view using **Angular & TypeScript** to increase readability & user-friendliness
- Create a toggle switching between table and 1-row views of data in the legacy service to boost flexibility
- Gain **full-stack** experience, work through & debug different code bases together, communicate effectively with 7+ other developers globally, present project rationale, result & technical details to 120+ people in the team

Software Engineering Intern

June 2021 – Aug. 2021

Di Chung Joint Stock Company

Hanoi, VN

- Detected proactively the time-consuming problem, proposed an idea, 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 with 3 colleagues
- Collaborated successfully with a team of 6 and constructed a plan for a crowd-funding website

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