

Linh TT Tran

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EDUCATION

Bryn Mawr College

Expected graduate May. 2023

Bachelor of Arts in Computer Science, GPA: 3.9

PA, USA

Relevant Coursework: Analysis of Algorithm, Algorithms: Design & Practice, Software Engineer, System Programming, Principles of Computer Organization, Data Structures, Object Oriented Programming in Java, Introductory Statistics, Linear Algebra, Artificial Intelligence, Discrete Mathematics

EXPERIENCE

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" course

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

- Committed 6-8 hours/week building 5 Android apps, using mainly **Java and Android Studio**
- Acquired competent **Android app development** skill, involving both back-end and front-end
- Built Simple To-do app with 4 CRUD operations
- Created Flixter app that allows browsing movies from the Movie Database API
- Made Tweet app that utilized Twitter API, allowed logging-in to real Twitter accounts via OAuth login, composing new tweets, viewing timeline...
- Developed 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

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

Fake Caller | Java, Back4App, Git

Apr. 2021 – June 2021

- Led a team of 3 to build an Android app, which allows users to make fake calls to avoid dangerous situation, schedule fake incoming calls, and make a real call to 911 in case of emergency
- Utilized Back4App effectively to manage database, which included fake contacts and audios

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

TECHNICAL SKILLS

Languages: Java (proficient), JavaScript (familiar), Python (familiar)

Frameworks/Other technologies: Node.js, Express.js, React Native, HTML/CSS, Mongoose, Back4App

Developer Tools: IntelliJ, Eclipse, Android Studio, VS Code, Postman, PyCharm, Git

AWARDS

- Best Project Idea and Best Presentation | *CodePath Demo Day 2021*
- Highest prize in Youth4SDG Asia Leadership Program 2020 | *ASEAN Development Scholarship*