

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: Data Structure, Android Mobile App Development, Object Oriented Programming in Java, Discrete Mathematics, Research Methods and Statistics, Linear Algebra, Algorithm Analysis (Fall 2021), Principles of Programming Languages (Fall 2021), Artificial Intelligence (Fall 2021)

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 and released a mobile **React Native** app as a solution, which automatically updates company's daily revenue report, efficiently saves Sales department 1 hour/working day and boosts their productivity
- 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 at Haverford College

Remote

- 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, which allowed users login to their real Twitter accounts via OAuth login, compose new tweets, view Twitter timeline...
- Developed Instagram Clone app using Parse authentication, which allows users to create account, sign-up/sign-in, take photo, and upload 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

- Develop 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*