

# Linh TT Tran

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## EDUCATION

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### Bryn Mawr College

Aug. 2019 – 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

## EXPERIENCE

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### Software Engineering Intern

June 2021 – Present

*Di Chung Joint Stock Company*

*Hanoi, VN*

- Proactively detected 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 saved Sales department 1 hour/working day and boosted 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
- Successfully collaborated 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 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

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### 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 create 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

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**Languages / Frameworks:** Java, JavaScript, Node.js, Express.js, React Native, HTML/CSS, Python

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

**Database Management:** MongoDB (Mongoose), Back4App

## AWARDS

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- Best Project Idea and Best Presentation | *CodePath Demo Day 2021*
- Highest prize in Youth4SDG Asia Leadership Program 2020 | *ASEAN Development Scholarship*
- Second prize Hip-hop Dance Contest 2019 | *Last Fire Crew*