

# Linh TT Tran

C-1262, 101 N. Merion Ave., Bryn Mawr, PA, 19010

(+1)267-995-1932 | [linhtran2407.github.io](https://github.com/linhtran2407) | [ltran1@brynmawr.edu](mailto:ltran1@brynmawr.edu) | [LinkedIn: Linh Tran](#) | [Github: linhtran2407](#)

## EDUCATION

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### 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, Analysis of Algorithm (Fall 2021), Principles of Programming Language (Fall 2021), Artificial Intelligence (Fall 2021)

## EXPERIENCE

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### 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 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, 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

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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 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

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**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

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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*