

DANG (DANNY) PHAN

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EDUCATION

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| Brandeis University – Waltham, MA | Aug 2018 - May 2022 |
| Bachelor of Science – Computer Science, Economics | GPA: 4.0/4.0 |
| Honors: Dean's List (all semesters) | |
| Relevant Coursework: Object-Oriented Programming, Data Structures, Structure and Interpretation of Computer Programs, Artificial Intelligence, Database Management Systems, Operating Systems, Capstone Project for Software Engineering | |
| Budapest University of Technology and Economics – Budapest, Hungary | Jun – Jul 2019 |
| Study Abroad – Mobile Software Development | Grade: A+ |

SOFTWARE SKILLS

Programming Languages: Java, Go, Python, Ruby, SQL, Scheme
Web Development: HTML, CSS, JavaScript, jQuery, TypeScript, React, Express, Node.js, Rails, Angular, Redux, Flask
Mobile Development: Kotlin, Retrofit, Room Persistence Library, React Native, React Navigation
Tools: MySQL, PostgreSQL, MongoDB, SQLite, Amazon S3, gRPC, Docker, VirtualBox, Java Swing, Git, Heroku

EXPERIENCE

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| Teko Vietnam Technology JSC. – Hanoi, Vietnam | Jul 2020 – Present |
| Software Engineer Intern | |
| <ul style="list-style-type: none">Collaborate with Project Leaders to redesign and build an HR Performance Review system supporting 1000+ bi-annual reviews with Go, gRPC, MySQL, Docker, and React using Ubuntu (Linux)Streamline the review process and employee management with additional features such as automatic review cycles initiation, organization chart, and editable review form templates | |
| Brandeis Skunkworks Initiative – Waltham, MA | Jan 2019 – May 2020 |
| Software Engineer | |
| <ul style="list-style-type: none">Simplified the course scheduling process by building the Teacher Preferences page for Brandeis Administration Course Scheduling website using React with ReduxEnhanced product usability by conducting research with department representatives and designed the UI/UX with Adobe XD | |
| CONERA – Hanoi, Vietnam | Jul – Aug 2019 |
| Software Engineer Intern | |
| <ul style="list-style-type: none">Learned full-stack web development within one month under CTO's guidanceDeveloped an Event Management website using Angular, Python Flask, and MySQL allowing event coordinators to update monthly events, check in attendees using QR Code via WebRTC, and gather post-event demographic data and reviews | |

RECENT PROJECTS

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| Vietnamese Spelling Wizard – Hanoi, Vietnam | Jul 2020 – Present |
| <ul style="list-style-type: none">Win First Prize in FPT Group's FTI Growth Hacking Challenge 2020 with a minimal viable product of a Vietnamese Spelling application for children using FPT AI's Text-To-Speech API and Node.jsBuild the final product and launch for commercial use with the company's technology and marketing team | |
| Masterful – Hanoi, Vietnam | Jun 2020 – Jul 2020 |
| <ul style="list-style-type: none">Created a virtual learning application that allows experts to create and organize online courses with a scheduler and allows learners to take lectures via video conferencing (Jitsi Meet API)Designed the UI/UX with Adobe XD and developed both a web version with the M.E.R.N. stack and a cross-platform mobile version with React Native to maximize the application's accessibilityTechnologies used: React, Express, Node.js, MongoDB, React Native, Heroku | |
| Brandeis Rate My Professor – Waltham, MA | Jan 2020 – May 2020 |
| <ul style="list-style-type: none">Led a Scrum/Agile team to build a mobile-friendly Course Evaluation web application inspired by ratemyprofessors.com with Brandeis dataset serving 3000+ studentsImplemented the Administrator Dashboard, Course Matching algorithm, Ask-and-Advice messaging platform with Push Notification, as well as Profile Picture and Social Login support with Google & Facebook OAuthTechnologies used: Ruby on Rails, WebSocket, Redis, Amazon S3 (AWS), PostgreSQL, Bootstrap, Heroku | |

LEADERSHIP

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| Brandeis Computer Science Department – Waltham, MA | Aug 2019 – Present |
| Teaching Assistant (Programming in Python, Discrete Structures, Structure and Interpretation of Computer Programs) | |
| Brandeis Korean Student Association – Waltham, MA | Aug 2018 – Present |
| Digital Media & Publicity Chair | |