

Kha The Pham

☎ +1 (763) 862-8376 | ✉ contact@khathepham.com | 🌐 github.com/khathepham

12125 Martin St NW, Coon Rapids, MN 55448-1999

Skills

Programming and Markup Languages : Python, Java, C#, SQL, C, C++, Javascript, HTML, CSS.

Technologies: Ansible Tower, AWS (API Gateway, Lambda, EC2), CI/CD, Dynatrace, Flask, Git,

GCP (Compute Engine, App Engine), Jenkins, Linux, Mac, REST API.

Additional Skills: Agile, Data Structures and Algorithms, Database Design and Implimentation, Data Mining, Distributed Computing, Human-Computer Interaction.

Education

University of Manitoba

Sept. 2021 - Present

Winnipeg, Man., Canada R3T 2N2

- B.S. in Computer Science
- Dean's List
- Last 2 Years GPA: 3.2/4.0
- Cumulative GPA: 3.31/4.0
- Completed Coursework as of May 2024. Degree to be revceived early June.
- Relevant Coursework: Algorithm Analysis, Artificial Intelligence, Database Implementation, Data Structures and Algortiths, Data Mining,

North Hennepin Community College

Aug. 2019 - May 2021

Brooklyn Park, Minn., USA 55445

- A.S. Computer Science
- Relevant Coursework: SQL, Web Programming, Java, Python, Databse Modeling, Computer Architecture, Data Structures, C# for .NET

Anoka-Ramsey Community College

Aug. 2017 - May 2019

Coon Rapids, Minn., USA 55433

- A.S. Computer Science (Partial)
- High School Diploma

Coon Rapids High School

Sept. 2014 - June 2019

Coon Rapids, Minn., USA 55433

- High School Diploma
- Award: AP Scholar with Honors
- Award: Questbridge Finalist

Relevant Experience

Site Reliability Engineer, Developer Internship

May 2023 - Aug. 2023

Royal Bank of Canada - Technology and Operations - API Platforms and DevOps

88 Queens Quay W, Toronto, Ont. M5J 1B7, Canada

- Full Time (40 Hours a Week)
- Developed a suite of automation scripts and internal web pages using a range of tools such as Python, Ansible Automation, Jenkins, and Dynatrace to allow the API Platform and DevOps team to monitor, be notified of, and fix outages and potential issues.

- Implemented a comprehensive monitoring and notification system that proactively detects, alerts, and facilitates swift resolution of outages and potential issues.

Other Experience

Co-Chair

Feb. 2024 - Present

CUSEC: Canadian University Software Engineering Conference - 2025

- Part Time (Variable Hours)
- Responsible for managing a team of 25 people to create a successful conference of over 300 attendees.

Director of Logistics

Apr. 2023 – Feb. 2024

CUSEC: Canadian University Software Engineering Conference - 2024

- Part Time (Variable Hours)
- Orchestrated logistics operations for CUSEC 2024, ensuring effective communication between the conference team and the venue, which was instrumental in the smooth running of an event attended by over 300 software engineering students and professionals.
- Facilitated collaboration among internal teams to develop and publicize the event schedule, leveraging meticulous planning and communication strategies to accommodate an array of speakers, workshops, and networking opportunities, thereby enhancing participant engagement.

Director of External Affairs

June 2023 - May 2024

.devClub, University of Manitoba, Winnipeg, Man., Canada

- Part Time (Variable Hours)
- Successfully engaged with industry sponsors, securing funding and the club hackathon, .devHacks, that catered to over 300 students, showcasing strong negotiation and relationship-building skills.
- Hosted a comprehensive workshop on API development and emerging technologies, including Flask, drawing over 100 upper-year students. This initiative not only bolstered their technical knowledge but also significantly increased participation in the subsequent Battlesnake tournament.
- Leveraged strategic planning and community outreach to enhance the club's visibility and provide members with invaluable learning and networking opportunities, furthering the club's mission to support student development in software engineering.

Customs Broker

June 2022 – May 2023

Frontier Supply Chain Services, Winnipeg, Man., Canada

- Part Time (16 Hours a Week on Average)
- Expertly managed the processing of customs documentation for shipments entering Canada, ensuring compliance with all regulatory requirements and facilitating smooth cross-border transactions.

Director of Sponsorship

Apr 2020 – Jun 2021

CUSEC: Canadian University Software Engineering Conference

- Part Time (Variable Hours)
- Played a pivotal role in the orchestration of a national software engineering conference, attracting over 200 students from across Canada through strategic sponsorship acquisition, contract negotiation, and meticulous coordination of details via email, video chat, and phone.
- Enhanced the conference's profile and financial stability by establishing and maintaining robust relationships with sponsors, ensuring a diverse range of industry support that enriched the event's offerings and attendee experience.

Junior Business Analyst

Jan. 2022 – May 2022

Information Services and Technology, University of Manitoba, Winnipeg, Man., Canada

- Part Time (10 Hours a Week on Average)

- Initialized the overhaul process for the transition from Classic Sharepoint to Modern Sharepoint for the University's internal IT Site.

Sales Consultant

Aug. 2018 – Aug 2021

Best Buy, Blaine, Minn., USA

- Part Time (24 Hours a Week on Average)
- Maximized customer satisfaction by identifying and assessing customer needs, analyzing all possible options, and thoroughly advising them of their best solutions, delivering a yearly Net Promoter Score of 98/100.

Tea Barista

May 2019 – Aug 2021

Tii Cup, Minneapolis, Minn., USA

- Part Time (16 Hours a Week on Average)
- Trained new members to maintain consistent quality of services.
- Streamlined inventory process to ensure timely deliveries.

Mathematics Tutor

Mar 2017 – Mar 2019

Mathnasium, Blaine, Minn., USA

- Tutored children K-12 on a variety of mathematics concepts.
- Tracked students progress and accomplishments to analyze and adjust tutoring methods.

SpooderSnake-42

July 2023

RBC Battlesnake Tournament

Royal Bank of Canada, 88 Queens Quay W, Toronto, Ont. M5J 1B6, Canada

github.com/Derzz/battlesnek

- Designed and implemented a REST API with a team of RBC Co-Ops to maneuver a virtual snake in the competitive environment of the Battlesnakes platform, culminating in a prestigious top 40 global ranking amidst intense competition.
- Leveraged Python for the core algorithm development, AWS API Gateway for seamless integration and communication, and AWS Lambda for scalable, serverless execution, ensuring high availability and responsiveness under tournament conditions.

Availability Finder

Jan. 2022 - May 2022

Human-Computer Interaction Course Project

University of Manitoba, Winnipeg, Man.,

- Designed, prototyped, and documented an interface leveraging HCI principles to streamline the process of finding availability and scheduling meetings for users seeking convenience and efficiency.

Costco Parking Simulator

Jan. 2022

UManitoba Comp. Sci. Students' Association Game Jam

github.com/Marshmallows7920/CSSAGameJam2022

- Engineered a unique gameplay experience where players navigate the challenge of finding a parking spot in a bustling Costco parking lot, creatively interpreting the "Space" theme by focusing on the scarcity of parking space.