Kiet Ho

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EDUCATION

University of Minnesota - Bachelor of Science   Minneapolis, MN
Major: Computer Science, MIS, Supply Chain and Operations Management   Graduating December 2021
Minor: Product Design
Technical GPA: 3.914 | **Cumulative GPA:** 3.511 | **Honors:** Dean's List

WORK EXPERIENCES

Veritas Technologies   Remote
Software Engineering Intern   June 2020 - August 2020
- Implement C/C++ memory error detection tool to flagship product of 500+ developers
- Design and implement data structure of defect reporting pipeline
- Configure build systems to add new tool, automated detection of 4000+ defects in production

Kanetus LLC   Minneapolis, MN
Software Developer - Cofounder   January 2018 - August 2019
- Lead team in developing full-stack AR platform on mobile with Swift and Kotlin (Java)
- Design database schema and implement REST API calls to AWS server
- Interview customers to generate Agile user stories, acquire 300+ users in 3 months

Carlson Venture Enterprise   Minneapolis, MN
Consultant   January 2019 - May 2019
- Undergraduate admitted into MBA program to consult for financial technology company
- Conduct market and consumer research for international expansion of 100+ countries
- Present to executive team, project successfully admitted, implemented by company

Other Experiences:

Medtronic – Process Improvement Intern   June 2018 – August 2018
General Mills – Leadership Development program   February 2018 – April 2018

TECHNICAL PROJECTS

Machine Learning Digit Recognizer - https://madebykiet.com/projects/digit_recognizer
- Train model with Python and TensorFlow using MNIST dataset to recognize handwriting digit
- Deploy model to production with Docker and AWS EC2, make API calls to query result
- Program web client using React, Node.js and Express.js (JavaScript, HTML, CSS)

Synchronous Music Companion App - https://kpractice.com
- Create full-stack Progressive Web App in Angular with offline caching, lazy-loading and reactive patterns (Rxjs)
- Design user table, authentication, storage scheme and NoSQL database implemented with Firebase REST API
- App gained 100+ unique visits and is used daily by professional and college musicians

Social Credit App (Hackathon) - https://devpost.com/software/socialize
- Create progressive web app using Dart and Flutter that uses social credit system to make meeting new people safe
- Design user table and database implemented with Google Cloud API
- App created for Major League Hacking event, featured on MinneHack 2020 projects blogpost

SKILLS

- **Languages:** Python, JavaScript (Typescript), Java, C, C++, SQL, Swift, CSS, HTML
- **Tools:** AWS, Docker, Git, XCode, Android Studio, Jira, Adobe Suite, Firebase
- **Frameworks:** Node.js, Angular, React.js, TensorFlow
- **Soft Skills:** Project Management, Public Speaking, Bilingual (Vietnamese)

AWARDS

- **2019** U-Spatial Mapping Grand Prize Winner
- **2019** American Public Media Horizon Fund
- **2018** Minnedemo 30 Presenter
- **2018** Holme's Center Biz Pitch Finalist
- **2017** tBRS Innovation Award Winner
- **2016** MD Visual Arts 1st Place Winner
- **2015** MD Visual Arts 2nd Place Winner