

Kiet Ho

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EDUCATION

University of Minnesota - Bachelor of Science

Major: Computer Science, Management Information System

Minor: Product Design, Supply Chain and Operations Management

Technical GPA: 3.914 | **Cumulative GPA:** 3.511

Honors: Dean's List

Minneapolis, MN
Graduating December 2021

WORK EXPERIENCES

Veritas Technologies

Software Engineering Intern

Roseville, MN
June 2020 - August 2020

- Implement C/C++ memory error detection tool to flagship product of 500+ developers
- Lead team in design and implementation of defect reporting pipeline
- Configure build systems to add new tool, automated detection of 4000+ defects in production

Voy Audio Tour

Software Developer - Cofounder

St. Paul, MN
January 2018 - August 2019

- Lead team in developing full-stack AR platform on mobile with Swift and Kotlin (Java)
- Design database schema and make REST API calls to AWS server
- Interview customers to generate Agile user stories, acquire 300+ users in 3 months

Medtronic

Process Improvement Intern

Mounds View, MN
June 2018 - August 2018

- Perform data cleansing for 5 different product lines and create 14-page guideline for Master Data access
- Interview 30+ planners for SAP tool usage data, visualize findings to department directors
- Lead team meetings, set agenda and attend Lean Sigma workshops on process improvement

Kiblog – UX Design Intern

January 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, SQL, Swift, Perl, CSS, HTML
- **Tools:** AWS, Docker, XCode, Android Studio, Jira (Agile), Adobe Suite, Git, Firebase
- **Frameworks:** Node.js, Angular, React.js, Express.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