

# Kiet Ho

madebykiet.com | linkedin.com/in/kiet-ho/ | github.com/Kitenite  
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## EDUCATION

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### University of Minnesota - Bachelor of Science

**Majoring:** Computer Science, Management Information System, Operations

**Minoring:** Product Design

**Technical GPA:** 3.914 | **Cumulative GPA:** 3.511 | **Honors:** Dean's List

Minneapolis, MN

Graduating May 2021

### Y Combinator Startup School – Spring Class of 2018

**Batch Company:** Voy Audio Tour

**Coursework:** Startup mechanics, fundraising, launching a technology product and user metrics

Minneapolis, MN

Spring 2018

## WORK EXPERIENCES

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### Veritas Technologies

Software Engineering Intern

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

Roseville, MN

June 2020 - August 2020

### Voy Audio Tour

Software Developer

- Lead team in developing full-stack AR platform to 300+ users
- Develop and test iOS and Android application with Swift and Kotlin (Java)
- Design database and make REST API calls to AWS server

St. Paul, MN

January 2018 - August 2019

### Medtronic

Process Improvement Intern

- 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

Mounds View, MN

June 2018 - August 2018

## TECHNICAL PROJECTS

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### Augmented Reality Audio App - <https://www.thevoyapp.com>

- Develop iOS and Android application using Swift and Java that allows users to create geofenced audio recordings
- Make HTTP calls to AWS DynamoDB and AWS Amplify server for authentication and query tour data
- App raised over \$10,000 of funding, won multiple awards and was acquired by American Public Media

### Machine Learning Digit Recognizer - [https://madebykiet.com/projects/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)

### Musician 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

## SKILLS

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

## AWARDS

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- **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 1<sup>st</sup> Place Winner
- **2015** MD Visual Arts 2<sup>nd</sup> Place Winner