Kiet **Ho**

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

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# EDUCATION

**University of Minnesota - Bachelor of Science** Minneapolis, MN

**Majoring:** Computer Science, Management Information System, Operations Graduating May 2021

**Minoring:** Product Design

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

**Y Combinator Startup School – Spring Class of 2018** Minneapolis, MN

**Batch Company:** Voy Audio Tour Spring 2018

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

# WORK EXPERIENCES

**Veritas Technologies** Roseville, MN

Software Engineering Intern June 2020 - August 2020

* Implement C/C++ memory error detection tool in Perl 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

**Voy Audio Tour** St. Paul, MN

Software Developer January 2018 - August 2019

* 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

**Medtronic** Mounds View, MN

Process Improvement Intern 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

# TECHNICAL PROJECTS

**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>

* 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

* **Languages:** Python, Java, C, Perl, SQL, JavaScript, Swift
* **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

* **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