Tuan Le

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EXPERIENCE

2017 – 2018 **App Developer** - Youth Environment Awareness (NPO)
Designed and developed *Virida* — an *open-source* air quality monitoring app to raise environmental awareness.
- Designed and prototyped app's user interface.
- Developed app with React Native plus open source *themeable React Native component library* and *app state management tools*.
- Provided mentorship on JavaScript and React Native app development.
- Led and promoted Virida project in Microsoft's Hack for Good hackathon.
- Successfully published Virida on Apple's App Store.

2016 – 2017 **Cofounder** - 2Cents
Cofounder of 2Cents — a startup incubator aiming to build a crowd voting app for private & commercial events.
- Developer of backend Node.js server.
- Established backend technology stack and database.
- Designed and implemented server REST API for login authentication, database querying operations, map geofencing, etc.
- Defined team's coding standard and implemented unit test methods.
- Deployed server app to AWS and maintained server operation.

2011 – 2016 **Design Engineer** - Intel Corporation
- Designer and owner of critical validation platform hardware modules.
- Managed and delivered critical design milestones and consistently met aggressive time-to-market project schedules.
- Engaged with customers to ensure requested features meet specifications and consult on reducing design complexity while maintain feature coverages.
- Developed automation tools (C & Python) and wrote process guidelines to streamline project development and improve team efficiency.

2005 – 2011 **Signal Integrity Engineer** - Intel Corporation
- Delivered innovative signal integrity (SI) solutions for high speed interfaces on validation platform hardwares.
- Engaged with customers to drive new interface solutions and consult on new interface technology SI requirements.
- Executed SI simulations & analysis, developed post-simulation data analysis tools (C), and authored interface design guidelines.

EDUCATION

1999 – 2004 **Electrical Engineering - Bachelor of Science**
University of Washington

SKILLS

Languages
- JavaScript (ES6) 3+ yrs
- Python3 9+ yrs
- C 5+ yrs

Backend
- Node.js
- Express.js, Koa.js

Database
- RethinkDB, Redis
- PostgreSQL

Frontend
- React, ReactNative, Webpack
- JSX, HTML, CSS
- iOS/Xcode Development

ML Tools & Libraries
- Pytorch
- Keras/TensorFlow
- Numpy
- Pandas