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Work Experience

- **Nextdoor** — San Francisco, CA
  Real Estate — Software Engineer — *Aug. 2018 – Present*
  - Conducted research, wrote product spec, implement and shipped internal tool yielding a 15x performance improvement for operations and developers
  - Surveyed and interviewed users of the product to report insights into product direction
  - Helped define product specs to drive real estate agent onboarding
  - Developed full-stack products to help increase MRR by over $200K

- **Microsoft** — Redmond, WA
  Windows Core — Software Engineering Intern — *Sep. 2017 – Nov. 2017*
  - Developed windows kernel driver to support new Intel chipset DMA functionality
  - Crafted a product specification to shape developmnet direction of the driver
  - Sped up memcpy operation when zeroing out memory by offloading CPU work to DMA

- **Nextdoor — KPCB Engineering Fellow** — San Francisco, CA
  Monetization — Software Engineering Intern — *May 2017 – Aug. 2017*
  - Developed Ad inventory forecasting tool for advertising operations team
  - Built Django APIs to route SQS messages through an ad inventory management pipeline
  - Wrote ad targeting evaluation test suite and redis cache update task
  - Selected as 1 of 52 Engineering Fellows out of 2500 applicants

Notable Projects

- **[Startup] Bartertown, LLC** — Gainesville, FL
  CTO & CoFounder — *May 2015 - Aug. 2015*
  - Founded a social trading platform for the exchange of services and goods
  - Led product and development decisions
  - Accepted into HackerHouse, a startup accelerator, where we pitched to investors weekly

- **Razzle** — Seattle, WA
  DubHacks: Awarded creative use of BlackRock API — *Oct. 2017*
  - Used Amazon's Alexa to interface with stock portfolio, execute trades, and provide financial insights
  - Hooked into Robinhood's Private API and used BlackRock's historical data API to provide valuable portfolio insights

- **PerfectPosture** — Tai Tam, Hong Kong
  BitwiseHacks: Awarded best software hack — *Feb. 2016*
  - Led development of OS X application to automatically dim laptop screen based on back-posture
  - Provided back-posture data through accelerometer on TI Launchpad implemented as a wearable

Education

- **University of Florida, Honors Program** — Gainesville, FL
  Bachelor of Science in Computer Engineering, Minor in Physics — *Aug. 2014 – May 2018*
  - GPA: 3.67/4.0

- **Hong Kong University of Science and Technology** — Clearwater Bay, Hong Kong
  School of Engineering — *Feb. 2016 – May 2016*