Nicolas Hinderling

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Employment History

Uber   April 2019 - Present

Senior Software Engineer (Eats Order Experience)

- iOS Lead of Pickup Map
  - Designed schema enabling backend driven map marker UI (also used in Rider app and ubereats.com)
  - Designed solution to log all possible user gestures on the map
  - Launch resulted in a **50+%** increase in Pickup orders (**16M+** pickup orders in 2022)

- Key contributor / architect of "Checkout" rewrite
  - Designed optimal foundational architecture (seamlessly disable individual features via plugin points, implement modularized structure, mobile cart state management)
  - Built large portion of the iOS experience (Items, Map, Location Details, Tipping, Client Price Calculations, more)
  - Checkout now supports over **40+** features and "multi-cart" functionality

- Contributed to the Eats feed framework by creating the external API and standardizing analytics for consumers
- Co-led weekly mobile alert reviews and improvement initiatives to our oncall process
- Led monthly "Engucation" courses to help onboard **200+** new hires as well as regularly updating course content

Software Engineer (Driver Earnings)   Aug 2017 - April 2019

- Mobile lead of "Activity Feed"
  - Architected robust and fault tolerant API for viewing all earnings events, including filter functionality
  - Executed entire iOS development + **implemented backend** hydration and pagination functionality
  - Launch resulted in **$115k/yr** savings in support costs

- Built and maintained **8** different earnings features and reactive networking client in the iOS driver app
- Led workstreams for several reliability efforts (mobile earnings caching, outage comms to users)
- Rebuilt the entire mobile dashboard and mobile alerts

Independent / Freelancer   Jan 2016 - Jun 2017

Full Stack Developer

- Trala - Built the first iteration of the iOS app. It has since become the #1 violin learning mobile app
- Maai - iOS lead of the digital music AI startup
- Beseeq - iOS lead of the marketing app where users are paid watch ads. Built multiple AR ad experiences

Uber   May 2016 - Aug 2016

Software Engineering Intern

- Worked on a contact ranking algorithm and wrote analysis scripts
- Developed iOS features for promotions in Rider App

Dealstruck   May 2015 - Aug 2015

Software Engineering Intern

- Configured a Slack-Integrated bot with custom scripts (deploy to AWS, query data, render graphs, etc)
- Converted the entire AngularJS app to use Browserify (file bundler)

Personal Projects

Guestmeal: College Dining Points Marketplace (sell your excess points for cash / buy for a discount!)
Headstart: Hackathon website boilerplate template, which we used for BostonHacks 2017
Web Worker: "crowdsourced" web app that performs computations within the browser in exchange for MicroBitcoin
See More: https://github.com/NicoHinderling

Education

Boston University   2013 - 2017

Bachelor of Science, Computer Science

BostonHacks (Boston University's Official Hackathon)

Founding Member / Director

- Created by my friends and I in 2015, has since become one of Boston's best collegiate hackathons
- Our first year we raised $80k in sponsorship and received 1700 applications

Builds (Boston University Hackerspace Club)

Treasurer

- Organized events and workshops for students (webdev, Raspberry Pi builds, competing in CTFs, and more)
- Competed in ASC: Asia's international supercomputing competition (http://goo.gl/ydx5Vu)