

Nicolas Hinderling

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Employment History

Uber

April 2019 - Present

San Francisco, CA

Senior Software Engineer (Eats Order Experience)

- iOS Lead of Pickup Map
 - Designed schema enabling backend driven map marker UI / zIndexing (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, and 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

San Francisco, CA

- 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

San Francisco, CA

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

San Francisco, CA

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

San Diego, CA

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)
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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: A "crowdsourced" web application that performs computations within a browser tab in exchange for MicroBitcoin.

See More: <https://github.com/NicoHinderling>

Education

Boston University

2013 - 2017

Bachelor of Science, Computer Science

Boston, MA

BostonHacks (Boston University's Official Hackathon)

Founding Member / Director

- Created by my friends and I in 2015, and has since become one of Boston's best 48hr collegiate hackathons
- Our first year we raised \$80k in sponsorship and received 1700 applications (we'd break \$100k the following year)

BuBuilds (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>)