

# Kevin Chu

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## Education

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Columbia University • Computer Science (B.A.)

September 2015 – May 2019

### Relevant Coursework

Honors Introduction to Computer Science, Data Structures & Algorithms, Advanced Programming, Computer Science Theory  
Introduction to Databases, User Interface Design, Natural Language Processing, Analysis of Algorithms, Programming Languages & Translators

## Work Experience

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**Independent projects** Learning and exploring March 2021 – Present

- Self-taught modern full-stack web development via The Odin Project curriculum, completing 30+ hands-on, learn-by-doing projects
- Co-developed React web app using GPT-3 to translate insurance legalese (Columbia Venture Competition Technology Challenge finalist)
- Selected for fellowships in On Deck Catalyst (young leaders in tech), Gitcoin Kernel (web3), and product management cohort-based course
- Mentored six college students enrolled in the Reboot Fellowship on fintech, tech careers, and public essay writing
- Published essays on technology and religion, interviewed for The Atlantic and WBUR Boston public radio

**Bridgewater Associates** Product Engineer July 2019 – February 2021

- Forward-deployed engineer supporting investment staff in authoring and debugging investment algorithms and research models in Scala
- Triageed and resolved highly technical escalations (12-20 tickets/week) as part of on-call service with positive user feedback (95+% CSAT)
- Coordinated offshore dev team on AWS compute platform interface refresh and self-service troubleshooting, reducing support costs by 80%
- Led biweekly state of the cloud compute product syncs with senior product managers, site reliability engineers, and support engineers
- Prioritized and shipped, from problem discovery to release notes, user-delighting features for chart and report authoring software
- Contributed to investment research on cryptocurrencies and CBDCs (central bank digital currencies) for CIOs and senior investors

**Abra** Product Management (Liquidity) Intern May 2018 – August 2018

- Conducted 40+ hours of user interviews and usability testing to build customer personas and validate fiat-crypto deposit/withdrawal flows
- Drove end-to-end integration with SEPA banking system, enabling expansion of user base to Europe
- Wrote product requirements for integrating real-time cryptocurrency asset pricing API with charting libraries

**LendUp** Product Management (Credit Cards) Intern May 2017 – August 2017

- Built product metrics dashboard on top of Redshift data pipeline, providing leadership bird's eye view of mobile, growth, and support metrics
- Learned React Native and GraphQL to fill in for lack of developer capacity, defined and shipped missing mobile analytics to production
- Started SQL education pilot program for employees across SF and Richmond, Virginia offices

## Projects

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**Medisure.ai** GPT-3 robo-lawyer for generating appeal letters for health insurance claim denials (Columbia Venture Competition finalists)

**Photo#** Scripting language for command line interface photo editing (OCaml LLVM, C compiler and function library, Python parser/lexer)

**Mochi** Slack Slackathon winner (\$5000 prize): Slackbot enabling real-time feedback capture for Slack teams and communities (Node.js, Slack API)

**Recipify** Using AI image recognition algorithms to generate recipes from photos of food (Clarifai computer vision API, Spoonacular food API)

**Pulse@CU** Event and club discovery platform for the Columbia community, acquired 1,200+ users (Meteor.js, Heroku, Python web scraping)

## Skills

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### Languages & Technologies

Javascript (Typescript, React, Next.js, Express, Jest, Webpack), HTML/CSS  
Python (Django), Astro, Java/Scala, Git, SQL

### Software

Splunk, Jira, Confluence, VSCode, Vim, IntelliJ, DataGrip, Postman  
Figma, Sketch, Zeplin, Adobe Creative Suite