# Kevin Chu

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## Education

**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

**Career sabbatical** from full-time employment                                                     March 2021 – Present
- Learned modern JavaScript 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 (2021 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
- Published essays in technology for good publications Reboot and Kernel Magazine, interviewed on WBUR On Point 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
- Triaged 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

**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

**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)

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

## Leadership

**Columbia Organization of Rising Entrepreneurs (CORE)** President                                                     April 2017 – April 2018
Led Columbia's undergraduate entrepreneurship organization, an 86-student organizing team with 5,000+ member community reach

**Columbia Blueprint Designathon** Founding Director                                                     September 2017 – April 2018
Organized Columbia's first human-centered design thinking hackathons, centered around urban mobility and smart cities, drawing 300+ attendees

## Skills

**Languages & Technologies**
Javascript (Typescript, React, Next.js, Node.js, Jest, Webpack), HTML/CSS
Python (Django), Java/Scala, C/C++, OCaml, Go, Git, GraphQL, SQL

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