



# Client Partnership Packet

Fall 2025 →



# Overview

A team of eight talented UC Berkeley computer science students will work with software engineers at your company to create a semester-long project and software product.

**5**

projects every  
semester

**13**

weeks of agile  
development

**70**

completed projects  
and counting

**47**

active members &  
over 100 alumni

Throughout the Fall semester, our team will work to create quality products ranging from full-stack web and mobile apps to machine learning research and more. In past semesters, we have built automated data migration services, data visualization templates, and rate-limiting algorithms for our client companies. Past clients include Atlassian, DoorDash, Postman, Meta, and Google!

## For each software project, we offer



**2**

project  
managers



**6**

developers



**10-15**

hours  
per week



**650**

minimum hours  
of work

# About Us

UC Berkeley • Fall 2025

## Who We Are

Codebase is UC Berkeley's foremost software development club. We're a community of bright students with a mission of learning through developing software for companies around the Bay Area!



## What We Do

Every semester we partner with four high-growth companies and run projects with them. We work closely with our clients to build projects that provide value for them and learning experiences for us.

Codebase also provides its members and the Berkeley CS community with numerous learning opportunities. In past semesters, we've hosted tech talks with Stripe and Aurora Solar, sponsored members to go to conferences like TechCrunch Disrupt and POST/CON, and worked on an authenticated housing portal for UC Berkeley students.

## How You Can Partner With Us



**Project Partner:** Hire us! If you're looking to build a project or relationships with Berkeley's best engineering students, consider working with us. Codebase is perfect for projects that your engineers don't have the bandwidth to work on. We can add a feature to your product, create a mobile or web app, do research, or build anything that fits your needs.

Beyond the technical project, we also offer an opportunity to connect and recruit from our community. Past companies have hosted tech talks events with both our members and the wider Berkeley audience and developers from our teams have also gone on to intern and work at our client companies.



**Sponsor:** If you want to support our work, we would greatly appreciate your sponsorship! You can support us financially through a tax-deductible donation along with resume drops, office tours, tech talks, workshops, etc.

# Our Projects

Every project has two project managers and six developers. Over the course of the semester, every team puts in a minimum of 650 hours towards the project.

Before work begins, clients and project managers sign a memorandum of understanding with all the technical requirements of the project and pricing information. Our project managers work with you to create a spec and timeline like [this one](#). We also sign any NDAs and necessary paperwork.

To provide clients with formal check-ins on our projects, the team presents a mid-semester deliverable and a final deliverable to the client, followed by a two week maintenance period for any final touches or questions. At the end of the semester, we give complete ownership of the repository and all relevant materials including documentation to the client.

Project managers regularly communicate with clients via email and online meetings, and often set up a shared Slack workspace for Codebase developers to directly communicate with client engineers. Depending on client preferences, clients are also involved with task managing and code reviews.

PRE-SEMESTER	START OF SEMESTER	MID-SEMESTER	END OF SEMESTER
Finalize Project, Sign NDAs and MOUs	Work Begins (September)	First Deliverable (October / November)	Final Deliverable (December)



## Pricing

To work with one of our talented client teams, we ask for a total of \$20,000-\$40,000 (in installments). For reference, we take the average market rate for SWE interns and aggregate with our contribution of 650 hours of work minimum over the semester.

The money you pay is considered a tax-deductible donation to the Associated Students of the University of California (ASUC), and we can provide the nonprofit Tax ID upon request. We absolutely guarantee you will get your money's worth, and we will work closely with you throughout the semester to ensure your complete satisfaction.

## Why You Should Work With Us

Codebase has around 500 applicants every semester and accepts ten to fifteen people. Every developer is hand-picked over a multi-part interview process that evaluates their technical skills, ability to work in a group, and desire to commit to our projects.

The product you receive at the end of the semester will be built by students who are truly driven and passionate. We are fully transparent during our development process — you can be in our task manager and repository, see and approve pull requests, participate in code reviews, etc. Some of our developers have also interned at companies we partner with!



# Past Clients



## Meta — Video Processing and AI Optimization

Meta's video team wanted to optimize algorithms for scene-change detection, an important step for video analysis. Codebase developed statistics-based algorithms and machine learning models to improve scene-change detection for Meta, doubling the performance. For another project, we worked on the FBGEMM Library to extend auto-vectorization of matrix multiplication operations on one of Meta's recommendation models for ARM CPUs.



## Etsy — Backend

Etsy is an e-commerce platform that allows users to sell and purchase a wide variety of handcrafted and vintage items. For this project, our team accomplished a proof-of-concept of certain portions of Etsy's Image Upload pipeline in order to better understand how a future, re-architected efficient/optimized pipeline might be built on Etsy's new service platform.



## DoorDash — Machine Learning Infrastructure

DoorDash is an online food ordering and food delivery platform. Our team built a production-like testing platform from 0 to 1 to rigorously evaluate and test ML Engineers' pytorch models. This deployed environment allowed faster model development and validation, as well as provided predictive insights to prevent issues from occurring in production systems.



## Google — Mobile App for AI

Google Labs is Google's home for the latest AI experiments and technology. Codebase developed Sparky, a mobile app for Google's AI Studio, an IDE from Google which allows developers to prototype generative AI models. Sparky makes it easier for developers to test multimodal prompts and interact with Google's Gemini API.

# Past Clients



## Atlassian — Security

Atlassian provides an arsenal of productivity tools, including Trello, Jira, and Bitbucket, that power 125,000 companies worldwide. We implemented rate limiting algorithms to help protect Atlassian's microservices against DoS attacks. We forked and extended off-the-shelf libraries to add sliding window and token bucket algorithms. These algorithms went on to be integrated into Atlassian's Cloud Platform for distributed rate limiting.



## Truera — Machine Learning

TruEra works to combat issues of bias within AI applications by requiring the computation of feature influences – an explanation of what matters for a model making a decision. To improve speed and efficiency, Codebase created a program to distribute these influence computations to a compute cluster and then ingest the results into the TruEra platform.



POSTMAN

## Postman — API Integration

Postman is the leading collaboration platform for API development and documentation. Postman simplifies each step of the API lifecycle and streamlines collaboration so that developers can build better APIs faster. Codebase built a suite of Postman integrations, including the use of both AWS and Microsoft Azure, to enable developers to leverage these technologies in their APIs.

MAGNOPUS

## Magnopus — VR/AR

Magnopus is a content-focused technology studio based in Los Angeles and London that creates award-winning work in VR / AR / Metaverse & virtual production. Codebase designed an AR app for iOS that scans a physical space to create a David Hockney-style 3D collage, which will be added as a feature in Magnopus' OKO spaces.

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Berkeley Codebase has been instrumental in assisting us in addressing our long-standing user debt and enhancing the reliability of our system by streamlining model deployment workflows. We initially provided them with high-level specifications, and we were delighted to work with a team of six talented software engineers and two proficient project managers who were enthusiastic about executing our ideas. The resulting implementations were showcased to a group of ML Engineers and engineering leaders, receiving high praise for the extensive research and clear presentation of findings.

**Arbaz Khan,**

Staff Software Engineer, ML Infrastructure at DoorDash

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Today was an exciting day at the Google office as we hosted the Berkeley Codebase team for their final presentation of the mobile prompting app they built for Gemini. Over the past 10 weeks, we've been collaborating closely with the team and I have to say, I'm blown away by what they were able to accomplish in just 2.5 months. It was a pleasure to have them in the office and hear about their experiences building the app. Congrats to Tanya Bhakhri, Arav Misra and the rest of Codebase team for a job well done!

**Jaclyn Konzelmann,**

Director of Product Management at Google Gemini API

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Berkeley Codebase gave us the ability to accelerate our R&D efforts by taking an idea and running with it to create a viable proof of concept. Working with them helped us think through our problems and opportunities more clearly, and they were a creative value-add as well. Plus, we got a working demo in the end! What's not to like?

**Josh Koenig**

Head of Product at Pantheon Systems

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[Codebase's] Algorithms Engine was demoed successfully to a wider Engineering audience at Atlassian including senior leadership via a very detailed demo, and received resounding kudos from the audience. The project is well on its way to be integrated into the distributed rate limiting solution for Atlassian's Cloud Platform.

**Abhas Bodas**

Engineering Manager at Atlassian

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My team provided a loose idea for a project, and we were blown away by the results. The Berkeley Codebase team delivered on all cylinders - from managing the project closely, to developing creative solutions, and then documenting the examples clearly. When they released their project to production, we saw hundreds of our users begin benefiting from their work immediately. Working with this team helped us refine how we communicated a new feature to millions of our users. 10/10 would work with them again.

**Joyce Lin**

Senior Developer Advocate at Postman