

HyperJump Summer Internship Program

Preparing advanced high school coders for a career in tech

- ✓ **Paid Summer Internship in Software Development, AND**
- ✓ **Advanced Software Development Training Program**

- For High School Students
- Advanced Software Development Skills Required (i.e. AP Comp Sci)
- Remote
- Only 2 Spots Available

HyperJump is an intensive summer internship program for high school students interested in serious preparation for a software development career. It includes two components:

1. a real-world paid summer internship at a software development consultancy, during which students work as a junior developer on real projects, and
2. 1-on-1 software development tutoring, instruction and mentorship to succeed in the job and learn to work on a modern software engineering team.

This program doesn't teach how to code but rather how to be a developer.

The programming is highly scaffolded, with programming instruction/design, 1-on-1 code reviews, and lectures. It offers teen coders a super-elite experience that is less concerned with teaching them *how* to code, but rather teaching them the *art* of coding, and what it means to program in the workforce. These skills and real job experience will put them ahead of all other high school student developers.

During this program, students will learn:

- To intuit the difference between "good" code and "bad" code.
- To differentiate between "good" software design and "bad" software design.
- Modern best practices for programming used at companies like Apple, Google, and Meta.
- Tools and workflows to collaborate efficiently on software projects, which they will be able to apply in future internships and group projects.
- How to give and receive feedback about code.

The program is run by Stanford grads with deep experience in software engineering and programming education. Daniel Chiu has BS and MS degrees in Computer Science and has been a professional software engineer for a decade at Palantir and his own software development consultancy. Lloyd Nimetz (founder of Spike Lab) is a serial tech entrepreneur and was previously on the leadership team of DevBootcamp, the first coding bootcamp founded in 2008 and sold to Kaplan Education in 2014. DevBootcamp trained thousands of people to code and get entry level software development jobs. Daniel and Lloyd have come together to build the program that they wished existed for themselves as high schoolers.

Program attributes:

- 10 week-long summer intensive, designed to prepare students for professional careers in software.
- HyperJump is a luxury experience, designed to adapt and customize for every cohort, so an exact week-to-week schedule cannot be provided ahead of time. However, students can expect ~5 hours of instruction each week in the form of:
 - 1-hour tech talks / lectures
 - 1:1 pair programming sessions each week directly with their HyperJump mentor – between one and three sessions per week
 - Daily stand-up with small group
 - 1-hour extended small group sessions
- Outside of “class,” students can expect support from their Hyperjump mentor in the form of:
 - Detailed code review
 - Asynchronous communications
- Each student will be provided a detailed project design document created by HyperJump prior to program start.
- If the Internship Provider chooses to use a students’ code, the student will be paid up to USD\$1,450 as a flat, project-based fee. Payment (in full or partial) is dependent on the quality and usability of the code delivered.

Who is eligible?

This program is designed for advanced teen software developers who have maxed out their programming courses in school (i.e. already done with AP CS or above) and want to take it to the next level -- to be job-ready. There is no age limit or requirement, it is based on a student’s technical capabilities.

What does it cost?

\$19,500 for the 10-week program.

Can I do it in less than 10 weeks?

It may be possible to accommodate students who are unable to complete the full 10 weeks. However, we strongly recommend completing the full 10 weeks, as that is how to get the most value out of it. College-level internships are typically this long and our program is modeled after them. We only have room for 2 students in this program, and students who are available for the full ten-week period will be given priority.

What if I have my own project that I want to work on? Can I do that instead of the internship?

We do offer the option for independent and driven students to bring their own project into the program. In this case, they would not complete the internship and would not be eligible for the project fee, but they could still receive the same support system and mentorship offered by the HyperJump program.

Can I only do the summer internship and not the software tutoring program?

No, the software development summer internship is contingent on participation in the tutoring program. This is because the internship provider requires a level of work quality and professionalism typical of college graduates, and even the most advanced high schoolers don't meet that requirement.

Who is the internship provider, and what might the internship project be?

This year the sole internship provider is Daniel Chiu's own software firm, Chiubaka Technologies, LLC. This firm applies Silicon Valley best practices to develop full-stack web and mobile applications. It builds its own apps (direct to consumer) in addition to working as a for-hire consultancy to other tech startups.

Chiubaka Technologies excels at helping startup clients develop their first prototypes or take their early successes to the next level. Past clients include Sain Health (Healthcare), Easy Track (Enterprise Productivity), The Robin Hood Army (Charity), I'm With Them (Social Tech), and Karat Financial (FinTech).

While it's too early to tell exactly what projects will be available for students this summer, students will likely work on Chiubaka Technologies' internal app framework, [HyperdriveJS](#), or on [one of the firm's own apps](#).

What programming languages should I know?

Students should be fluent in at least one coding language, i.e. Javascript/Typescript, C++, Ruby, Python, etc. All projects by the host organization are in the React / React Native and NodeJS ecosystem and built with TypeScript. Students looking to bring their own projects must work on a web or mobile project using React / React Native and NodeJS with TypeScript. If any of these are new to the student, we would help them learn these languages and frameworks, providing that they already have strong coding fundamentals in one language.