



Open Avenues

What is Open Avenues?

We are nonprofit that works with high-growth companies to bring global talent from around the world to prepare students from our partner schools to develop successful careers in STEM and business fields.

What are Open Avenues' Summer Micro-Internships?

We offer students project-based learning experiences, connections and industry-driven training to prepare them to become the next generation of STEM and Business leaders. Our summer micro-internships are 8 weeks projects that allow you to develop skills relevant for entry-level industry jobs. We try to make all our projects beginner-friendly and worth adding to your resume. The micro-internships consist of weekly meetings with the Project Leader and the 2 students accepted to that project. The estimated time commitment is 40 hours in total (5 hours/week); after completing the project you'll receive a \$600 stipend.

The application deadline is **this Sunday, May 28**, 11:59 pm Pacific Time. Selected and not selected students will be contacted after June 05. Projects will start on the week of June 12 and finish 8 weeks after.

How can I apply?

Please apply by clicking on the following links. If you don't have a Parker Dewey account, you'll be prompted to create one (it takes just a few minutes). Don't forget to list your school, otherwise you won't be able to see Open Avenues' projects.

If you have questions about a particular micro-internship, feel free to reach out to us at ed@openavenuesfoundation.org

Open Micro-Internships

Biotechnology:

- [Build an NGS Pipeline and Identify Potential Cancer Biomarkers \(with Foghorn Therapeutics\)](#)
- [Design an Experimental Plan for a Preclinical Trial \(with Charles River Laboratories\)](#)
- [Make a Bridge Between Genetic Variants and Clinical Data \(with Fulgent Genetics\)](#)

Business/Finance:

- [Analyze NFT Marketplaces to Determine the Need for Verticalization](#)

- [Develop a Demand Planning Model for E-Commerce Merchants \(with Shpyyard\)](#)
- [Develop a Go-To Market Strategy for a Robotic Hot Food Kiosk \(with LBX Food Robotics\)](#)
- [Perform an Enterprise Valuation Analysis to Support an M&A Decision \(with i5invest\)](#)
- [Analyse and Underwrite a Venture Investment into a Software Startup \(with Spark Capital\)](#)
- [Create a Budget and Financial Forecast for an Early-Stage Startup \(with Intus Care\)](#)

Data Science:

- [Develop Data Pipeline Mining Knowledge From Online User Activities \(with Breinify\)](#)
- [Predict Adverse Events Risk Using Machine Learning Approach \(with Healthcare Data Analytics Institute\)](#)

Engineering:

- [Design a Fuel Storage System for a Class 8 Truck \(with Verne\)](#)
- [Propose a Sustainable Iron & Ferroalloy Extraction Method \(with Phoenix Tailings\)](#)
- [Develop a Time-Variation PFM and PWM Signal Generators in LTSpice](#)

Software Development:

- [Write Smart Contracts for Decentralized Finance \(with thirdweb\)](#)
- [Build a Tool to Store & Share Password Securely \(with bookkeep.com\)](#)
- [Optimize the Trajectory of a Robot Manipulator \(with Pickle Robot Company\)](#)