

# Ollie Pai

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## EDUCATION

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- **University of California, Los Angeles** Los Angeles, CA  
*Bachelor of Science - Computer Science; GPA: 3.661*  
*Courses: Computer Organization, Software Construction* *Sep 2021 – Present*

## EXPERIENCE

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- **onTrack Dev Team** Los Angeles, CA  
*Frontend Developer* *Sep 2021 – Mar 2022*
  - Wrote custom React components and pages using Material UI library.
  - Implemented designs initially mocked up in Figma.
  - Managed state and requests to custom API using Redux and Thunk middleware.
  - Practiced agile development by completing tasks during weekly sprints outlined in Jira.
  - Actively communicated with design team, backend team, and project manager.
- **Bruin Sports Analytics** Los Angeles, CA  
*Data Journalist* *Sep 2021 – Dec 2021*
  - Wrote article to identify and define the rise of neo-positions in the modern NBA using league statistics.
  - Scraped and parsed data from data set on Basketball Reference.
  - Used Tableau software to plot scatter charts of data.
  - Charted lines of best fit and analyzed data outliers to identify player strengths.
- **W.A.R. Lords Robotics Team** San Diego, CA  
*Software and Design Training Lead* *Sep 2017 – Jun 2020*
  - Wrote control systems code using Java and calculus-based PID theory.
  - Tuned vision tracking software for Limelight camera system.
  - Designed and modeled a two-stage gearbox and intake mechanism.
  - Trained new members Java and SOLIDWORKS CAD.
- **The LEAGUE of Amazing Programmers** San Diego, CA  
*Curriculum Development Intern* *Jun 2019 – Aug 2019*
  - Developed materials for an FTC Robotics workshop.
  - Migrated school's curriculum to an Open edX platform for increased accessibility by 800+ students.
  - Consulted and reported findings to the lead teacher.

## PROJECTS

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- **onTrack** (<http://www.ontrackucla.com/>): A course selection assistant for UCLA students. React, Redux, Node.js, Material UI, Figma, Jira
- **Prose** (<https://github.com/olpai/prose>): Natural language processing calculator app. (Under development.) React, Electron
- **Brawl** (<https://github.com/olpai/brawl>): Thrilling 2D fighting game for all to enjoy. HTML/CSS, JavaScript

## SKILLS

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- **Languages:** C/C++, Java, JavaScript, HTML/CSS
- **Frameworks and Libraries:** React, Redux, Node.js, Material UI, Electron
- **Tools:** CLI, Git, GitHub, Jira, MySQL
- **Other:** Adobe CC (Premiere Pro, Lightroom), SOLIDWORKS CAD (Certified Associate, May 2021)

## HONORS

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- Member of California Scholarship Federation for community service (Sep 2017 – Jun 2021)
- Member of Cum Laude Society for academic excellence (Jun 2020)
- Recipient of National AP Scholar Award (May 2020)
- Winner of San Diego Regional Hack-Atari Hackathon (Dec 2017)
- Winner of IEEE Sumobot Competition (Aug 2016)