

# Andy Young

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## Education

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### University of California, San Diego

B.S. Computer Engineering

- **Major GPA:** 4.0

Sep 2019 – Jun 2023

La Jolla, CA

## Experience

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### Flexport

Software Engineer Intern

Jul 2021 – Present

Chicago, IL

- Building a feature that allows users to view the history and metadata of date changes in a shipment's route using **React + Flow**, **Java Spring**, and **GraphQL**.

### Okta

Software Engineer Intern

Apr 2021 – Jul 2021

San Francisco, CA

- Eliminated tech debt in Okta's **React + TypeScript** monorepo by extracting repeating internationalization code into a reusable package with a robust API and created a performance logging system using **Node.js** that automatically uploads a weekly Lighthouse report of any pre-production site to an **Amazon S3** bucket for teams to view.

### PINT

Software Engineer Intern

Oct 2020 – Jan 2021

San Diego, CA

- Developed automated QA tools with **Node.js** and independently created a responsive 12-page website for a client using semantic **HTML** and completely custom **CSS**.

### ADP

Contract Web Developer

Jul 2019 – Sep 2020

Honolulu, HI

#### Dominos Pizza

- Used **Node.js** and **MongoDB** to create a webapp that uses data from 500+ employees of Dominos Hawaii to automatically perform a weighted distribution of tips, generate payroll sheets for ADP, and track healthcare eligibility.

#### Tory Roofing

- Automated and digitized Tory Roofing's employee/job management system and payroll process by developing a webapp using **Ruby on Rails** that allows foremen to submit timesheets on an intuitive mobile UI and managers to review and automatically perform the payroll every week.

## Projects

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### This Tab Helps The Planet | [this-tab.com](http://this-tab.com)

Winter 2018

- Created a webapp using **Ruby on Rails** and a chrome extension using **Javascript** that allows users to donate money generated by viewing ads on their new tab page to charities of their choice.

### Online Capture The Flag | [node-ctf.herokuapp.com](http://node-ctf.herokuapp.com)

Spring 2017

- Developed a lightweight online real-time multiplayer capture the flag game using **Node.js** and socket.io.

### OP.GG Search | [opgg.andyluyoung.com](http://opgg.andyluyoung.com)

Summer 2016

- Created a Chrome extension with **JavaScript** as a freshman in high school, which currently has 5,000+ users, that adds extra features to a League of Legends statistics website.

## Skills

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- **Languages:** TypeScript, Python, Ruby, JavaScript, Java, C, C++, HTML, CSS(Sass/Less)
- **Frameworks:** Node.js, React.js, Ruby on Rails, Flask, Spring
- **DBMS/DevOps:** MongoDB, DynamoDB, PostgreSQL, GraphQL, Git, Docker, Linux/Unix