

# Arif Demirkan

[ademirkan@ucsd.edu](mailto:ademirkan@ucsd.edu) • [linkedin.com/in/arif-d](https://www.linkedin.com/in/arif-d) • [arifdemirkan.com](http://arifdemirkan.com) • (818)-629-5663

## EDUCATION

---

### University of California, San Diego

Exp. 12/2024

*Bachelor of Science in Computer Science*

**GPA:** 3.52 / 4.0

**Relevant coursework:** Algorithms & Data Structures, Web App Development, Databases, SQL

## EXPERIENCE

---

### Monkeytype - [monkeytype.com](https://monkeytype.com)

*Frontend Developer, Intern*

Summer 2023

- Expanded UI library for #1 typing site with ~2 million users
- Independently launched fluid highlighting feature, now serving ~120,000 users daily
- Proposed several UI improvements to leadership, developed and implemented in pull requests
- Improved animation frame rate by ~52% in core component
- Optimized legacy component, reducing jQuery calls by ~99% and DOM manipulations by ~96%

### CounselHero - [counselhero.com](https://counselhero.com)

*Web Developer Intern – React Team*

Fall 2022

- Expanded UI library for ed-tech startup using React and Typescript
- Proposed and led optimization task, improving page load-time by ~21%
- Designed and implemented several core UI components to support product launch
- Implemented responsive UI for mobile support

*Software Engineer Intern – Internal Tools Team*

Summer 2022

- Collaborated with frontend and backend teams to build internal tools using Python
- Developed scraper to parse rankings of ~1500 universities
- Created internal tool to automate updating school ranks in database, saving 100+ hours of data entry

## PROJECTS

---

### Deepflow - [deepflow.live](https://deepflow.live)

*React, Typescript, Express*

- Productivity web app that syncs study/break timers across users for enhanced group productivity
- Created reusable React hooks and components to implement timer API with millisecond accuracy
- Maintained user preferences and state using React Context API, persisted to local storage and database
- Integrated webhook in Express to synchronize timers across group

### URL Lab - [app.urllab.co](https://app.urllab.co)

*Next.js, Tailwind, Typescript, Django*

- Free, open source URL shortener built for the modern web
- Incorporated collision detection and URL randomization in Django backend
- Implemented RESTful API for CRUD operations on relational database

### Birds of a Feather - [github](https://github.com)

*Android Studio, Java*

- Led frontend team to deliver MVP using Agile best practices like weekly standup and sprint-planning
- Developed bluetooth tool to exchange student info with nearby users
- Created sorting algorithm to rank nearby students based on mutual classes and interests

## SKILLS

---

**Technologies:** React.js, Next.js, Express, Node, Django, Docker, AWS, jQuery, Git, Unity, VR, AR

**Languages:** Javascript, TypeScript, HTML, CSS, SQL, Python, C++, Java, Objective C