

# CHARLIE TAYLOR

[cttaylor27@outlook.com](mailto:cttaylor27@outlook.com) | [linkedin.com/in/charliettaylor/](https://www.linkedin.com/in/charliettaylor/) | [github.com/charliettaylor](https://github.com/charliettaylor) | [charliet.dev](https://charliet.dev)

## EDUCATION

---

**BS in Computer Science** California State University, Fullerton *Spring 2023*

**AS in Computer Science** Orange Coast College *Spring 2021*

*Relevant Coursework: Data Structures, Software Engineering, Algorithm Engineering, File Structures and Databases, Python & C++ Programming, Discrete Math, Linear Algebra, Operating Systems*

## SKILLS AND TOOLS

---

**Languages:** C#, Python, C++, JavaScript/TypeScript, SQL, HTML/CSS

**Tools & Frameworks:** .NET, ASP.NET, Express, Flyway, NodeJS, Deno, Svelte, Azure Cloud Services, SQL Server, Postgres, FastAPI, Flask

## EXPERIENCE

---

**Junior Software Engineer** *Remote*  
*Lockstep* *January 2022 – Present*

- Work on connectors to ERP systems such as QuickBooks Online, Xero to sync data
- Lead project to create new ETL connector system to Acumatica ERP
- Integrate a payments acceptance service into the Lockstep API to allow payments via Stripe, PayPal, GoCardless, etc.

**Software Engineer Intern** *Remote*  
*Lockstep* *June 2021 – September 2021*

- Built Lockstep's API for their new Inbox product, made to visualize AR and AP accounts
- Lead project to create system to allow users to attach notes and files to any invoice, payment, etc.

**Engineering Support** *Garden Grove, CA*  
*El-Com Systems* *January 2020 – June 2021*

- Core member of engineering team of electronic interconnect manufacturing company
- Drafted 300+ plots for streamlining production; created automation tools for document control

## PROJECTS

---

**GPT Quiz** - <https://github.com/charliettaylor/gpt-showdown> *Spring 2023*

- A Kahoot-like quiz game where Chat GPT is a contestant, made for FullyHacks 2023
- Won "Most Complicated Project"
- Uses web sockets to allow users to participate in user-generated live multiplayer quizzes

**Searchlight** - <https://github.com/tspence/csharp-searchlight> *Summer 2021*

- A simple and safe query language for API design written in C#
- Implemented operators used for querying and added testing for the LINQ executor.
- Worked on a new feature to implement MongoDB querying

**Gesso** - <https://github.com/charliettaylor/Gesso> *November 2020*

- A TS wrapper library for the Canvas LMS API
- Generated from Python web scraper with BeautifulSoup, and available on NPM and Deno

## LEADERSHIP

---

**CSUF Association for Computing Machinery (ACM)** *Dev President* *Fall 2022 – Present*

- Lead workshops for web development and put on a project showcase at the end of the semester

**International Collegiate Programming Contest (ICPC)** *Team Lead* *Feb 2023*