

Aaron Raphael Cheng

Software Engineering Student

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[GitHub](#) | [LinkedIn](#)

Technical Skills

-Languages:

TypeScript, Python, C#, C++, Dart, MATLAB, Java, web-stack (HTML5, CSS + SASS, JavaScript)

-Frameworks/SDKs:

React.js with Redux and Redux Toolkit, Angular.js, Next.js, Material UI, Flutter, Qt

-**Database Tools:** PgAdmin, PostgreSQL, Entity (C#), GraphQL (JS), Firebase

-**Configuration Management:** Git, GitHub, GitLab, Bit Bucket, Fork

-**Tools:** PyCharm, Android Studio, Visual Studio, Visual Studio Code

-**Other:** Jira, Pivotal Tracker, Wireshark, PuTTY, WinSCP

Work History

Software Development Intern | Applied Research Associates | In-Office **01/2023 – Present**

Internal team member in software development for many contractual projects involving:

- Web Development (Typescript, SCSS, HTML5, React w/ Redux Toolkit, MUI)
- C++ Development with Qt UI
- C# Backend Development w/ .NET, Entity Framework
- A11Y and 508-compliant web development for accessibility
- Development using Git, GitLab, GitBucket, Jira, and Fork under agile workflow

Front-End Development Intern | Exodus Game Development | Remote **05/2022 – 01/2023**

- Designed and functionalized user interfaces and experience using Typescript and Node.js
- First experience with professional software on a project that received a quarter million dollar grant.
- Website development using Next.js and Wagmi

Sushi & Hibachi Chef | Umami Japanese Bistro | Baton Rouge, LA **07/2021 – 08/2022**

Projects

Personal Website (2022-)

- My personal website, leveraging React.js and Firebase. Visit me here and drop a message: <https://aaroncheng.netlify.app/>

Elapsed (2022)

- Multiplayer Flutter application designed to simplify a swim coach's job to track multiple swimmers.

Palate Passport (2023)

- LSU Hackathon winner, vacation meal planner leveraging Yelp API programmed in 24 hours.

Geaux-Enroll (2023)

- User-Interface Design project, aiming to improve the college course scheduling workflow, leveraging Typescript-React, Redux, and SASS.

YouTube Sentiment Analyzer (2023)

- Python project leveraging machine learning techniques to bulk-analyze YouTube comments to produce results about user-sentiment, leveraging pandas and sklearn for model training. React front-end.

Education

Louisiana State University and A&M College | Baton Rouge, LA

08/2020 – 05/2024

Bachelor of Science: Computer Science

Concentration: Software Engineering

Minor: Mathematics

Current GPA: **3.7**

- **Awards:** Dean's/President's List, S&B Engineers Brookshire Award, Academic Scholar Resident Award