

# Max Shroyer

MaxShroyer.com  
Baton Rouge, LA  
+1 (614) 907-0107  
maxshroyer49@gmail.com

---

## Professional Experience

### Software Engineering Intern @ Chevron | Houston, Texas | May 2024 – August 2024

- Developed a user-friendly feature for displaying 3D reservoir data. I also added functionality to more easily visualize static and time-based data.
- Used **Three.js** and **Angular** for the front-end development of the 3D data visualization features.
- Developed a **Python** back-end with **Flask**, to decompile eclipse EGRID files and swiftly return formatted data for front-end visualization. Deployed and hosted using **Azure Services**

### Junior Software Engineer @ Vigilus | Baton Rouge, Louisiana | September 2022 - Present

- Used **React**, **React Native**, **TypeScript**, **CSS**, **Tailwind**, **Firebase**, and **AWS** to develop and deploy web and mobile applications for numerous contractees.
- Peer-reviewed and QA-tested interns and other junior developers' code.

### Software Engineering Intern @ Chevron | Houston, Texas | May 2023 – August 2023

- Gained a working knowledge of Azure services including **Logic Apps**, **SQL Databases**, **Automated Data Factories**, and **CI/CD Pipelines** using **YAML**, and **Databricks**.
- Developed and deployed a scalable data pipeline to automatically ingest third-party data and then sort and process the data for further analysis and reporting, saving 200 hours of work annually and ensuring critical business data was up-to-date and accurate.

### Web Development Intern @ myInterview | Tel Aviv, Israel | February 2022 - May 2022

- Used **Vue**, **JavaScript**, and **SCSS** to develop platform responsiveness and improve user experience across all devices.
- Implemented Google Analytics into the product to better understand customer behavior and areas for improvement.

### Lead Developer @ Nefesh B'Nefesh | Tel Aviv, Israel | December 2021 - February 2022

- Developed an MVP to clients' specifications using **React**, **JavaScript**, **CSS**, and **Firebase**
- Led a team of twelve developers, delegating tasks and managing the short project timeline, preventing any delays in the delivery.

---

## Education

### Louisiana State University | Baton Rouge, Louisiana | May 2026

- Bachelor of Science, Computer Science with a Software Engineering focus
- Minor in Mathematics and Digital Media Arts & Engineering
- 3.65 GPA
- Dean's list | Fall 2022, Spring 2023, Spring 2024

### Big Idea Bootcamp | Jerusalem, Israel | August 2021 - December 2021

- Developed proficiency using **Javascript**, **HTML/CSS**, **React**, and **Firebase**
- Earned certification in Web Development

---

## Skilled in

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

**Programming Frameworks:** React, React Native, Next, Vue, Angular, Node, Flask

**Software Services:** Firebase, Azure