

ZYEL CRIER

EMAIL: zyel.crier@gmail.com PHONE: 971-255-2966 LOCATION: New Orleans Louisiana 70118

LINKEDIN: zyel-crier-523066196 GITHUB: zyelcrier

EDUCATION

Xavier University of Louisiana

BS Computer Science, GPA 3.90

Aug. 2019 - May 2022

Relevant Coursework: Computer Org & Arch, Data Structures (Java), Intro to Computer Science (Python), Precalculus, Statistical Methods 1

Projected Coursework: Software Development, Operating Systems, Logic

Western Oregon University (Early College/Homeschool)

2017 - 2019

Relevant Coursework: Intro to JavaScript, Fundamentals of Web Design (CSS, HTML)

SKILLS

Python, JavaScript, HTML, CSS, Java, SQL

EXPERIENCE

Google, Inc., *Summer Training in Engineering Program (STEP) Intern*, Remote May 2020 - Aug. 2020
Independently built a full stack project using **Java**, **JavaScript**, **HTML** & **CSS** to create a personal portfolio page

- Utilized Google Cloud Users API for authentication and Google DataStore Library to organize user generated content through Java Servlets
- Integrated Google Maps API to tell a geographical story
- Link to project: <https://github.com/zyelcrier/step>

Co-created Studentia project, an online study platform for college students, using **Java**, **SQL**, **JavaScript**, **HTML** & **CSS**

- Initiated and lead the design process for project by creating a space to brainstorm and formulate ideas with my intern teammates
- Implemented user content creation feature, including UI and Data Collection
- Wrote all front end code for Search feature to create a dynamic and engaging interface
- Facilitated a demo of final project to broad group of Google engineers
- Link to project: <https://github.com/googleinterns/step109-2020>

PROJECTS

Google Coding Challenge

Fall 2019

- Placed 3rd in solving Code Jam-like challenges in **Python** at Google's New Orleans Coding Challenge
- Collaborated with a team of 3 hackers to effectively solve algorithmic challenges
- Submitted final solutions to a panel of Google Engineering Judges

Python Applications

Fall 2019

- Created a trivia app using **Python**
- Utilized conditionals to construct the back-end architecture
- Designed a Travel Book using **Python**

Web Design

Spring 2019

- Created a website using **HTML** and **CSS**
- Website provides a template for luxury resorts

Fuel Milage Application

Winter 2018

- Built a fuel mileage calculator using **JavaScript**

Girl Scout Application

Winter 2018

- Designed an app to track Girl Scout Cookie sales using **JavaScript**
- Built tables organize and assess data

AWARDS

Gold Medal-Contemporary and Classical Singing, *NAACP*

2017

2nd Team All-League Goalie-Lacrosse, *Willamette Valley Girls Lacrosse League*

2017

Youth Council Admin, *Marion County Commissioner Election*

Mar. 2018 - Nov. 2018

- Organized youth group in canvassing efforts and created promotional videos

Social Advocacy, *Performer/Speaker*

2016 - Current

- Performed and presented at various social justice events: Panelist on CCTV, Women's March

Karate, *Student*

Jan. 2020 - Current

ACTIVITIES