

Joseph Gioia

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Education

Rice University, Houston, TX

Bachelor of Science in Computer Science

Expected Graduation: 05/2023

GPA: 3.95/4.00

Saint Louis Priory School, Creve Coeur, MO

08/2015 – 05/2019

Awards: Honor Roll, First Honors, The Rensselaer Medal, The Priory Mathematics Award

GPA: 4.50/4.50

Relevant Coursework: Object-Oriented Design, Introduction to Program Design, Reasoning About Algorithms

Projects

Member Database Web UI – React, JavaScript, C#, MongoDB

Work Project

06/2021 – 8/2021

AutoText – AutoHotkey, Java, Android Studio

Personal Project

07/2020

Texas Hold 'Em – Java

HS Senior Project

05/2019

inForm Health – HTML, CSS, PHP, Laravel

Hackathon 3rd place winner

04/2018

Experience

Software Development Intern

05/2021 – 08/2021

Centene Corporation – Full Time Position (40 hours/week)

- Created a system to move ~10,000 patients to new primary physicians per month
- Reached 93rd percentile in React in 4 weeks
- Utilized feedback from business leaders and end users to make the website better to use

Computational Robotics Researcher

12/2020 – 05/2021

Rice University – For Credit Position (15 hours/week)

- Developed a python interface to use our new robot in 6 weeks
- Learned 4 new technologies and 3 new APIs
- Created a ~50% more accurate model of the robot's environment

Design Lead

01/2019 – 03/2019

Roborebels Robotics Team – Student Organization Position (20 hours/week)

- Analyzed the project tasks, designed the robot, and managed an ~8 person sub-team
- Finished the design process 3 weeks faster than the previous year
- Helped the team achieve its best result in 4 years

Skills

- **Interpersonal skills:** Communication, project management, leadership, presentation
- **Industry skills:** Time management, initiative, DevOps (code review, CI/CD, etc), problem solving
- **Programming skills:** JavaScript, React, No-SQL, Linux, Microservices, Containers, SVN, Git, C#, Python, Java

Accomplishments

Accepted to the **Summer 2020 CPRIT Computational Cancer Biology Fellowship**

02/2020

Won **American Math Society's 2018 St. Louis WWTBAM**

10/2018

Placed 3rd at **STLHealthHack**

03/2018