# Joseph Gioia

**Santa Clara, CA 95054**

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## Education

**Rice University, Houston, TX**                                                          **Expected Graduation: 05/2023**
Bachelor of Science in Computer Science                                                          *GPA: 3.96/4.00*

**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

**Internal Data Flow Diagram** *– Python, React, Hack, MySQL*                              **05/2022 – 07/2022**
*Work Project*

**Member Database Web UI** *– React, JavaScript, C#, MongoDB*                              **06/2021 – 08/2021**
*Work Project*

**AutoText** *– AutoHotkey, Java, Android Studio*                                                          **07/2020**
*Personal Project*

**inForm Health** *– HTML, CSS, PHP, Laravel*                                                          **04/2018**
*Hackathon 3rd place winner*

## Experience

**Software Engineer Intern**                                                          **05/2022 – 07/2022**
*Meta (Facebook) – Full Time Position (40 hours/week)*
- Created a new data pipeline ingesting 5 billion stack traces per day
- Landed a "business critical" feature for privacy regulation compliance
- Lead the investigation and mitigation of 2 production issues with our tool

**Undergraduate Robotics Research Assistant**                                                          **01/2022 – 04/2022**
*Rice University – For Credit Position (15 hours/week)*
- Developed a teleoperation mode and motion replay mode for our new robot in 3 weeks
- Integrated motion capture for a ~50% more accurate model of the robot's environment
- Created an obstacle proximity based safety stop

**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

## 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, SQL, Linux, Unit testing, PHP, SVN, Mercurial, 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**                                                          **04/2018**