

JOSEPH S. GUTSTADT

jgutstadt20@gmail.com | [linkedin/joseph-gutstadt/](https://www.linkedin.com/in/joseph-gutstadt/) | [github/picklesueat](https://github.com/picklesueat)

WORK EXPERIENCE

Software Engineer **Egen Solutions** **July 2022 - Present**

- Migrate Stored Procedures in a 4 terabyte MS SQL Database to DBT and Snowflake
- QA the Snowflake database to confirm it matches the legacy database using row level hashing

Technical Solutions Engineer **Epic Systems** **June 2021 - July 2022**

- Understood a large legacy codebase (Mumps, C#, Javascript) in order to troubleshoot technical issues in real time for potential patient safety concerns
- Primary Patient Experience (MyChart) contact for 30 healthcare analysts across multiple healthcare organizations
- Proposed, Designed and Implemented improvements in internal tools through VB, SQL and Mumps based code that saved 30 hours from internal processes
- Facilitates communication between C-suite Executives, and Lead MyChart developers to solve complex technical issues

Math & Computer Science Tutor **Varsity Tutors** **Aug. 2019 - June 2021**

- Discerned gaps in Students knowledge to explain complex technical concepts in upper level Math and Computer Science courses appropriately
- Maintained a 4.9 star rating with over 50 total clients

Mathematics Researcher **Colorado College** **May 2019 - Aug. 2019**

- Applied Combinatorial Game Theory the win positions of a Chess-like Game
- Deconstructed a board game into it's mathematical and computational components to form an efficient research team
- Lead the development of the integration of our insights in Combinatorial Game Theory in a Python based programming language

EDUCATION

Colorado Springs, CO **Colorado College** **August 2016 - May 2020**

- Bachelor of Arts in Mathematics
- GPA: 3.36
- Coursework: Python, Linear Algebra, Graph Theory, Number Theory

PROJECTS

Job Titles in Data Science

- Scraped 30,000 job listings, and published dataset on Github used by 75,000+ people
- Utilized Python and Network Analysis to group and report on Data Science skill sets

Abalone AI

- Implemented the board game Abalone in Python using the MVC design pattern
- Created and optimized an AI using the MiniMax Algorithm that can look 5 moves ahead

SKILLS

- Java, Python, Javascript, HTML/CSS, C#, VBA, Mumps
- Git/Github, SQL, LaTeX, Django, Wireshark, IIS, DBT, Snowflake