

# Joseph S. Gutstadt

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## Work Experience

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**Technical Solutions Engineer**                      **Epic Systems**                      **June 2021 - Present**

- Primary Patient Experience (MyChart) contact for 30 healthcare analysts across multiple healthcare organizations
- Troubleshoots issues by reviewing code, logs, and technical documentation
- Understood a large legacy codebase (Mumps, C#, Javascript) in order to troubleshoot technical issues in real time for potential patient safety concerns
- Proposed, Designed and Implemented improvements in internal tools through VB, and Mumps based code that saved 30 hours from internal processes

**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

**Campus Safety**                      **Colorado College**                      **Sep. 2017 - Aug. 2019**

- Ensured safety of peers by providing a safe method of transportation late at night
- Exercised judgement about whether students demand professional medical attention

## Education

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**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

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### 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

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