

# Nicholas Rasmussen

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<https://nickrasmussen10.github.io>  
Hollidaysburg, PA

## TECHNICAL SKILLS

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- Tools: Google Sheets, Google Docs, Google Slides, Microsoft Office, Visual Studio, Git
- Programming Languages: C#, JS, Visual Basic
- Data formats: JSON, XML, PDF

## SOFT SKILLS

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- Problem solving, analytical thinking
- Communication, writing, public speaking
- Adaptability, time management, team work

## PROFESSIONAL EXPERIENCE

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### Game Developer

January – May 2020

MAGIC Spell Studios | Rochester Institute of Technology, Rochester, NY

- Pitched, planned, and developed a 2D platforming video game prototype in 5 months on a two-person team
- Programmed the boid algorithm to simulate flocks of autonomous agents, modified the algorithm to support game-specific behaviors such as attacking the player and following and protecting a designated flock leader
- Showcased project progress in weekly meetings with program managers, including communication of technical challenges and justification of design choices
- Gathered, interpreted, and implemented player feedback

### Game Development Instructor

July – August 2019

iD Tech Camps | Allentown, PA

- Taught teenage students week-long game development courses including gameplay programming with C# in Unity, 3D modeling in Autodesk Maya, and level design in Unreal Engine
- Learned new technical skills on a tight deadline

### Software Development Intern

May – August 2018

Link Computer Corporation | Bellwood, PA

- Became comfortable with several different forms of data storage, including large-scale spreadsheets, CSV files, and JSON objects to maintain and add to existing systems
- Worked extensively in manually identifying, understanding, and altering data within a JSON object to update software according to client specifications
- Programmed reactive and user-friendly Excel macros in Visual Basic to automatically modify and add data to company spreadsheets, as well as import and export spreadsheet data to CSV files
- Utilized Windows Task Scheduler to fully automate the monthly transfer of a client's backup data from local storage to Amazon Web Services cloud storage via the execution of a custom script

## EDUCATION

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Rochester Institute of Technology, Rochester, NY  
B.S. in Game Design and Development

August 2023