

# JUSTIN SEARCY

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## SUMMARY

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I am a recent graduate with a major in chemical engineering and a minor in computer science, looking for a full-time position as a software developer/engineer. My previous internship and overall course load have given me constant practice with problem solving and attention to detail that can be translated to almost any position. I am a dedicated and driven worker that can bring a positive impact to your company.

## EDUCATION

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**Bachelor of Science in Chemical Engineering, Villanova University, Villanova PA** May 2021

**Minor: Computer Science**

- Dean's List, Cum Laude, GPA: 3.71/4.00

## WORK EXPERIENCE

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**Technical Intern, Wacker Chemical Corporation, Allentown PA** Summer 2019

- Optimized next-gen HVAC mastic formula for a billion dollar company
- Presented the findings in sitewide conference
- Independently planned and conducted new sample production and testing

**Baker, Philly Pretzel Factory, Allentown PA** 2016-2017, Summer 2018

- Responsible for baking products for consumers, and interacting with customers

## PROJECTS

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**Villanova Pickup Sports Mobile App** Spring 2021 – Present

- Designed a group sports planning mobile app on a team using React Native and JavaScript
- Developed and presented a working prototype

**Arcade Cabinet** Fall 2020 – Present

- Designed and built a custom arcade cabinet for the Villanova Computer Science Department
- Integrated a program to choose from and run student made games

**Game Development** Fall 2019 – Present

- Designed, built, and released [multiple games](#) using C# and Unity
- Created systems for online multiplayer

**DIY Spectrophotometer** Spring 2018

- Created a low cost spectrophotometer using python, circuitry, and SolidWorks

## SKILLS

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- Languages: Java, C#, JavaScript, SQL, HTML, CSS, Python, C
- Programs/Frameworks: Visual Studio, [GitHub](#), Linux, Oracle SQL Developer, React Native, Unity

## ACTIVITIES

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Villanova Programming Team Club

Villanova Engineering Student Council (**Co-committee head**)

Villanova Game Development Club

Villanova Club Ultimate