

# PARKER DINSDALE

## DETAILS

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### PHONE

(860) 808-4664

### EMAIL

pdinsdale1128@gmail.com

## LINKS

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### GitHub:

[github.com/Phoenix1128](https://github.com/Phoenix1128)

### FRC 2022:

[github.com/FRC175/FRC2022](https://github.com/FRC175/FRC2022)

### Starlight Discord Bot:

[github.com/Phoenix1128/Starlight](https://github.com/Phoenix1128/Starlight)

## SKILLS

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Java, JavaScript, HTML, CSS, Python, C++, C#, AWS, Azure, MongoDB, SQL, CI/CD Pipelines

Strong Leader

Interpersonal  
Communication Skills

Complex Problem Solving

## COURSES

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Computer Science 1

Calculus 1

Physics 1

Principles of Economics

## EDUCATION

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### Bachelor of Science in Computer Science- Rensselaer Polytechnic Institute

Troy, NY

Aug 2022 — May 2026

### Enfield High School

Enfield, CT

Sep 2018 — Jun 2022

- 4.2 GPA
- Academic High Honor Roll 2018-Present
- Success in Multiple Advanced Placement (AP) courses

## PROJECTS

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### FRC 2022

- Code for the various subsystems of First Robotics Competition (FRC) Team 175's robot for the 2022 season including the drive train, intake, shooter, and climb mechanisms.
- Autonomous modes for the Auto time of an FRC match.
- Vision tracking of retro-reflective tape using Limelight to adjust the speed of the shooter wheel in real time and automatically align the robot to the target.

### Starlight Discord Bot

- Has over 50,000 users.
- Uses NASA's Open APIs to easily view within Discord the current NASA Astronomy Picture of the Day (APOD) and past APODs from a date given.
- Allows users to search through NASA's Image and Video Library with a query and returns the results in a beautiful, interactive embed.

## EMPLOYMENT

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### Fulfillment Expert, Target

Enfield, CT

Jul 2020 — Present

- Acquire items from the store to be shipped out and fulfill orders
- Communicate with a team of diverse individuals to ensure orders are fulfilled on time and with the proper care
- Prepare items for transit including packing, sorting, and communicating with the proper vendors
- Packed over 50,000 items the past year, the second highest in the store