

# Jack Frate

Software Engineer

## CONTACT

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## SKILLS

### Proficient Languages:

Java, TypeScript/JavaScript,  
HTML/CSS, Python, SQL

### Frameworks:

Angular, Spring, Express

### Cloud:

AWS (EC2)

### Process:

Scrum/Agile, Jira

### Tools:

Git, Github, Jenkins,  
VSCode, Jet Brains IDEs

## AWARDS

### Rubik's Cube

Nationally Ranked: 25.96 sec.

### Speech Spotlight

Ohio Academic Decathlon | 2015

### Academic Scholarship

RIT | Aug 2016

### Best Witness

Mock Trial | 2015

References available upon request

## OBJECTIVE

Seeking a software engineering co-op for Spring and/or Summer of 2020.

## EDUCATION

**Software Engineering BS / Communications Immersion** May 2021  
Rochester Institute of Technology

**Dean's List** Dec 2018

## RELEVANT EXPERIENCE

**Software Engineer: Solü Technology Partners** Jan - Aug 2019  
Internal Requests App | Victor, NY

- Added features to 3 micro-services with Angular frontend and Java Spring backend, deployed on AWS.
- Researched, designed, and built a time off calendar system. Mapped internal app's time off requests to one Google calendar per team using Google APIs, helping coordinate team activities.
- Redesigned and implemented search on the frontend, significantly increasing search speed and expandability.
- Wrote several wiki articles, design docs, UML diagrams, and other documentation.
- Tested the project with unit testing and selenium testing. Worked on internal testing tools.
- Created bash scripts for app infrastructure.
- Used Jenkins to run jobs on the apps.
- Created Sprint Presentation recording process for the team.

## PROJECTS

**Rap Roulette** In Progress  
Node / WebRTC

- Matches users into a video call, plays a beat, and starts a rap battle.
- Performs matchmaking using WebRTC, avoiding servers with peer to peer matchmaking.

**Personal Website** In Progress/Sept 2019  
Angular 8

- Building my brand.
- Deployed on AWS EC2.
- Showcases anything from achievements to hobbies.
- JackFrate.com

**Bowling Alley Refactor** May 2018  
Java

- Team project for class to refactor poorly designed code with design patterns and OO principals.
- Gained experience working with other people's code.