

# Aidan Murphey

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## Software Engineer

### Objective

Proven self-starter with 8 years programming experience and over two years growing and thriving in a highly ambiguous and fast-paced environment at DeliveryCircle. Driven to continue learning to solve bigger and harder problems in technology.

### Education

**Computer Science BS**, Rutgers University (4.0 GPA) (Expected Graduation: December 2021)

- Noteworthy courses: Data Structures and Algorithms, Secure Coding, Programming Languages, Computer Organization, etc.

### Work Experience

**DeliveryCircle**, Software Engineer (01/2019 – Present)

- Developed brand new SaaS application **from start to delivery** and onward. Application is a cloud-based, delivery-management platform. Multi-year project that now serves as the company's core product.
- Led effort to containerize company's software product and automate the creation and deployment of new development/production instances of the application. **Saves 3+ hours per week of CTO's and engineers' time.**
- Automated several developer pain points, such as regularly needing to manually update database seeders to reflect the state of a production database.
- Interviewed numerous potential new hires at the company, **my recommendations led to 2 job offers** made to new engineers.

### Projects More available on my GitHub ([link](#))

**Rubik's Cube Solver** ([GitHub](#))

- Rapidly solves a Rubik's Cube from any starting state
- Works by imagining all possible states of the cube as a graph, and then performs an optimized breadth-first search to quickly build a path from the starting state to the end state
- Utilizes: Python, Graph Theory

**Aidanvel** ([GitHub](#))

- Reproduces many of the core features of Laravel, a popular PHP web framework
- Features implemented: routes, controllers, views, HTML templating, route parameters, etc.
- Utilizes: PHP, Composer

**EnconHealth** ([GitHub](#))

- Robust web solution created for Encon Mechanical to help protect the health of employees during COVID-19
- Provides employees a simple page to affirm their health status as well as an administration panel for executives to track employee responses and configure the application
- Utilizes: PHP, Laravel, MySQL, JavaScript, HTML, CSS, Bootstrap, Mailgun, DNS, Cloudflare, Continuous Deployment

### Skills

PHP, JavaScript, Java, SQL, HTML, CSS, Python, Laravel, Node.js, React, Git, Express, AWS, Google Cloud, Docker, Ansible, Testing, Unit Testing, Web Development, REST API, Bootstrap, ES6, Linux, Windows, Mac OS, Ubuntu