

James E. Parker

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Skills & Abilities

C#, C++, Python, Java, SQL, PostgreSQL, MySQL, MongoDB	.NET, UWP, WPF, Git, Github, Bash, PowerShell, Linux, Windows, Office	HTTP, JSON, REST API, JavaScript, JQuery, HTML, CSS, Django	Data Structures / Algorithms, AWS, Docker	AGILE Development, Development Life cycle
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Experience

Partec – Founder / Software Developer – Aug 2020 to Pres.

Contract jobs involving everything from debugging large codebases to developing commercial products. Clients include,

Multi Booster Juice Franchisee

- Developed a desktop and web-based scheduling program that enabled the user to quickly create schedules for employees and send it to a Telegram group chat. Throughout the development process, the client provided feedback and revisions were made as required. The web-based version is hosted on AWS via a Django docker.

Genfanad (Video Game)

- Hired to hunt down bugs and implement new features in UI tools, improving code efficiency and overall productivity of a large codebase. Involved heavy use of git and peer review before updates were merged into master/main branch.

Duncan E. Boardman, Barrister & Solicitor

- Developed a series of small programs to handle reliable file transfer in both Linux and Windows.

Personal Projects

Partec Website

A ground up constructed website using Django as a backend, which represents me and my company. Using AWS ECS and RDB for hosting both the website and a MySQL database respectively.

Scrapper Projects

Several projects using similar tech stacks but focusing on unique goals.

- Vaccine scraper: A program that scrapes available vaccine appointments for York region.
- SEC form 4 scraper: A trading program that would scrape SEC form 4 filings and perform actions if certain criteria are met.
- Music scraper: A program that scraped information from a radio station to see what song is being played and notify users via Telegram if a certain artist is playing.

Data Coil

A project designed to automatically transfer video clips from a tesla to a home pc when in range of the home network via a raspberry pi and SMB folder share.

Trading Algorithms

A collection of trading algorithms designed around trading ideas.

Education

2018 – Pres	Online Programming Courses Computer Science - Codecademy/Udemy, freeCodeCamp.org - Youtube
2015 – 2018	York University, LA&PS Business and Financial Economics
2015	Toronto Montessori School, Graduated Highschool