Dylan Cassell

Dylan Cassell
Kitchener

+1 (226) 339-9254
dylancassell000@hotmail.com
https://dylancassell.ca
https://linkedin.com/in/dylan-cassell-
https://github.com/daedalussolutions

Technological Proficiencies

- **Programming Languages -**   C#, Java, JavaScript, Salesforce Apex, Python, Ruby, Rust
- **Frameworks -**   Ruby on Rails, ASP .Net Core, React
- **Testing Frameworks/Tools -**   Selenium, NUnit, Jira, JMeter
- **Databases -**   SQL, PostgreSQL, MongoDB
- **Software -**   Office 365, Outlook, Slack, Zoom, Visual Studio, Webstorm, Android Studio, Visual Paradigm
- **Networking -**   DHCP, VPN, DNS, LAN, Mesh Wi-Fi Network Systems
- **Operating Systems** -   Windows, Linux
- **Other -** Git, Bash, Wordpress, HTML, CSS

Projects/ Extracurriculars

- **Hacking CTF Challenges -** Exploit web vulnerabilities to capture flags on a remote machine/web server. Utilize the most dangerous practices, such as the "OWASP Top 10". Other methods of capturing flags include examining code for possible exploit points, analyzing decompiled assembly code, protocol manipulation and shell scripts.
  Technology Used: Bash, Linux, Python, Powershell
- https://codergrind.onrender.com - Ruby on Rails web application aimed at tracking and logging programming work sessions. Implemented back-end calculations to award experience points, facilitating visual indication of user skill development. Encouraged daily logging to increase a streak counter and foster consistent coding practice.
  Technology Used: Ruby on Rails, PostgreSQL, JavaScript, HTML, CSS
- https://weather-on-rails.onrender.com/ - Ruby On Rails 7 weather web application. A browser geolocating app with RESTful API architecture to display local weather information. Searching a remote location is also featured.
  Technology Used: Ruby on Rails, RESTful API, OpenWeatherMap API, Geolocation, JavaScript, HTML, CSS
- https://cryptoportfolio-exe.onrender.com/ - Cryptocurrency portfolio calculator web application. Created with Ruby on Rails and a React front-end. Using a PostgreSQL database of over 1300 popular cryptocurrencies an API call is made to CoinMarketCap to provide accurate coin values and the equal value in USD and is added to the users portfolio.
  Technology Used: Ruby on Rails, React, PostgreSQL, CoinMarketCap API, RESTful API, JavaScript, HTML, CSS

- https://boxingcombogenerator.web.app/ - React-based web application to generate boxing combinations dynamically based on user-selected preferences. Implemented intuitive user interfaces and algorithms to generate effective boxing sequences.
  Technology Used: React, JavaScript, HTML, CSS
- https://github.com/daedalussolutions - Miscellaneous projects/code

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Experience

Freelance Developer
JULY 2023 - PRESENT, KITCHENER

- Design and create websites using Wordpress, Javascript, HTML and CSS.
- Communicate with clients.
- Managing domains and hosting providers including Firebase and Render.
- Fix bugs in website code and/or styling issues.
- Working in businesses back end environments.
- Develop and contribute to open source projects.

Conestoga College: Application Development, Capstone Project / Software Developer
JANUARY 2023 - APRIL 2023, WATERLOO

- Under contract to a client of the IT department of Conestoga College, developed and delivered a software solution utilizing Salesforce and its programming language, Apex.
- Attended meetings and took away valuable information and provided creative solutions.
- Created and conducted presentations to the client.
- Attended meetings and took away valuable information and provided creative solutions.
- Completed the project utilizing an agile methodology with my team.

The Beer Store / Customer Service Representative
AUGUST 2021 - SEPTEMBER 2023, KITCHENER

- Developed impeccable customer service skills.
- Efficient counting and managing of large amounts of money.
- Further developed my teamwork skills with my coworkers to deliver fast and polite service.

Conestoga Cold Storage / Warehouse Associate
JANUARY 2019 - JUNE 2021, MISSISSAUGA

- Gained proficiency in various forklifts.
- Learned to work under pressure with a constant workload of collecting pallets of products.
- Loading pallets onto transport trailers in a quick fashion.

Education

Conestoga College / Diploma of Education

SEPTEMBER 2021 - APRIL 2023, WATERLOO

Diploma of Education in Computer Programming.

St. Mary's High School / High School Diploma

SEPTEMBER 2014 - JUNE 2018, KITCHENER