

Matthew MacRae - Bovell

Software Developer

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| Education | | Profile |
|--|---------------------|---|
| Bachelor of Computer Science <ul style="list-style-type: none">Carleton University, Ottawa ONExpected Graduation: April 2022 | 2018-Present | Aspiring software developer with a background in Python, Java, C#, and JavaScript. Looking for a software development internship for summer 2019. |
| Work Experience | | |
| Python Developer, Digitera Interactive <ul style="list-style-type: none">Utilized Python, Selenium, and BeautifulSoup to program automated web scraping softwareRecorded and analysed scraped social media statistics in Microsoft Excel | | July 2017 - Aug 2017 |
| Volunteer Experience | | |
| First-Year Representative, Carleton Computer Science Society <ul style="list-style-type: none">Presently representing first-year computer science students on the society's board of directorsHelping run and organize academic workshops and social events | | Sept 2018 - Present |
| Content Developer, Recreo Mortem (Game Server) <ul style="list-style-type: none">Developed C# server side and AS3 client side game contentManaged MySQL relational and Redis NoSQL databases containing sensitive user login dataUsed XML Schemas to store server side game entity information | | Dec 2017 - July 2018 |
| Projects | | |
| 12 Box, — PHP, jQuery, and MySQL <ul style="list-style-type: none">An in development social networking website where users create a profile using 12 images.The project was created to further learn Bootstrap, CSS, JavaScript, and PHP | | Nov 2018 - Present |
| Connect Fources, — JavaFx Game <ul style="list-style-type: none">A more complex version of Connect Four where you can choose to change the direction of gravity instead of placing a diskOriginally programmed with Java, the game is presently being recreated in JavaScript for browser a based experience | | Apr 2018 - May 2018 |
| Twist, — Python Twitter App <ul style="list-style-type: none">A Twitter app that retweets posts from every user in a specified twitter list. It allows one account to represent manyTwist integrates with twitter using the Python Twitter api, Tweepy | | July 2017 - Aug 2017 |
| Project22, — Android Mobile Game <ul style="list-style-type: none">A casual mobile game available on the google play storeThis game was programmed in less than 24 hours using Game Maker Studio | | March 2016 |
| Dusk, — C++ Platformer Game <ul style="list-style-type: none">A 2D platformer game completed in an extracurricular C++ programming courseThe course introduced concepts such as object oriented programming, memory allocation, and pointers | | Sept 2014 - Apr 2015 |