Brandon Ellington

Networked+Social Systems Engineer

- June 25 1993
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About me

Using metacognition to link big picture insights with individual experiences, I make critical connections to help groups move forward.

Skill

Python

Functional Programming

Object-Oriented Programming

Database Management

DevOps

SQL⋆3 emacs⋆3 org-mode⋆3 shell⋆2.8 scheme⋆2.5 C(++)⋆2.5 clojure⋆2.1 php⋆2 java⋆1.3

(*)[The skill scale is from 0 (Fundamental Awareness) to 6 (Expert).]

interests

Empowering organizations to make change through improving mental health, physical well-being, and the relationship with our environment using data and technology.

education

2017-2020	Bachelor of Science Majoring in Computer Science	The Evergreen State College
2017-2020	Bachelor of Arts Business Concentration	The Evergreen State College

experience

2018-2019 — CRM Lynda.com Fellowship — The Evergreen State College, Advancement
Shadowed the Assistant Director of Advancement Services. Learned how to use the Blackbaud Raiser's Edge Constituent Relationship Management System. Assisted with data management and building complex database query views through SQL and Excel. Served during campaign events.

2017-2018 — Office Manager — Services and Activities Fee Allocation Board
Reduced budget intake, processing from 5 hours/week to <1 hour by moving from paper budgets to Google Drive, Sheets. Trained 12 board members on the function and operations of the Board.

June 2017 — Enterprise Software Internship — Computing and Communications Dept. (Evergreen)
Evaluation from my field supervisor, Senior Systems Analyst: "Brandon's communication skills were particularly valuable to the team. He facilitated requirements gathering sessions with the users in my absence...He was always willing to adjust coding styles and practices to the team approach. He was the only intern I've ever trusted to lead sprint planning sessions, because he had developed the appropriate soft skills, and because he seemed to grasp the Agile process."

projects

June 2020 — Containerized Integrated Development Environment — GitHub
See project at https://github.com/branjam4/doom-emacs-docker.git.

Dec. 2018 — Authorship- Computational Linguistics Project — Evergreen Program: Computational Linguistics
Evaluation from faculty: "Brandon worked with four other students to complete the project on computationally identifying the author of a text. Their well-coordinated final presentation provided an organized overview of their process and a discussion of both obstacles and successes. Brandon provided leadership and empowerment to newer coders by guiding the group towards a process that emphasized an algorithm and descriptive understandings of what the code needed to accomplished, as well as developing the actual code and some of the details of testing strategies. The group embodied a learning community by making a commitment to make sure that everyone understood the algorithm and the code. Brandon also demonstrated their collaborative learning skills by helping two other groups on the project."

June 2017 — Sentiment Analysis- Data Mining Project — United Way of Pierce County
Worked with a team of five to leverage sentiment analysis algorithms, collecting data in the form of tweets and posts from Facebook, to quantify how receptive Pierce County residents were to United Way's reports on understanding and assisting Pierce County's ALICE (Asset Limited, Income Constrained, Employed) population. I also went a little further and familiarized myself with the methodology and data used to identify our target demographics, which helped my team put our observations into perspective. My group recognized me as the member who went the extra mile in order to connect with our client and fill their needs.