Jeremy Morrison

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WORK EXPERIENCE

Tantalus Systems   Sep. 2018 – Apr. 2019
Test Automation Developer   *Burnaby, BC*
- Proposed and implemented new inventory management system for tracking over 2000 in-house smart meter devices using Bluetooth barcode scanners, which allowed the QA team to easily track devices
- Fixed a number of failing test suites hosted using Jenkins, added new suites for different products in time for conference where QA team presented results
- Handled testing for version update of meter programming software including gathering requirements, updating the regression test suite, and conducting tests
- Worked in an Agile team utilizing Jira, Confluence, daily standups, weekly sprints, sprint planning, timeboxing and retrospectives

SKILLS

- **Python:** pytest, Selenium, Pandas, Black, Flake8, Conda, Pipenv, Flask, Jupyter, PyPI, Read The Docs
- **Other:** MySQL, GraphQL, Git, Linux, CircleCI, Docker, Postman, Node.js, NPM, React.js, Next.js, serverless

PROJECTS

PySBR
- Python client wrapping Sportsbook Review's GraphQL endpoint
- The only free and open source sports betting odds API available, which was the motivation for the project
- Published to PyPI, documentation hosted on ReadTheDocs
- pytest suite automated using CircleCI; utilizes VCR.py for HTTP request mocking
- Active community of users on Discord

BBProp (in progress)
- NBA player betting props pipeline with front end showing model-calculated expected values for each bet
- Google Cloud Run container hosting headless Selenium scraper, data analysis libraries and Flask server
- Scheduled AWS Lambda function triggers Cloud Run function to scrape NBA prop bets, get game logs, calculate model probabilities, output to AWS S3 bucket, and trigger deploy to front end
- JAMStack inspired front end to be built using Next.js

In It To Winnik
- Yahoo Fantasy Hockey data visualization for the 2020 NHL season hosted on Heroku
- Allows league mates to get fantasy team stats over selected date ranges for different scoring categories
- Combines information from NHL's and Yahoo's APIs to build a MySQL database of stats and fantasy rosters

EDUCATION

University of Victoria   **May, 2020**
BSc, Computer Science   *Victoria, BC*
- 3.8/4.0 GPA

INTERESTS

- **Interests:** Meeting new people; running; working out; travelling; self-discovery; learning; personal development; the Great Outdoors; fantasy sports; sports modeling; electronic music; Reddit; beer; configuring my dotfiles.