Travis Paquette

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Work Experience

Software Engineer, II	**Synopsys, Inc.**	**June 2019 - Present**
Software Engineer, I	**Synopsys, Inc.**	**Sept. 2017 - June 2019**

- Design and develop new features for the Polaris Application Security Platform; focused on authentication, authorization, and policy management services
- Reproduce and develop solutions for incoming bugs reported by our QA teams
- Build Java services with RESTful APIs that follow the JSON:API specification and interact with a variety of data stores including Postgres, MongoDB, and Eventstore
- Collaborate with project management and UX designers to convert requirements into technical design documentation
- Analyze software performance using pgbench and JMeter, and recommend changes to improve performance
- Maintain a Gitlab CI pipeline responsible for building jars, running unit and integration tests, scanning for code quality and security, and packing and releasing docker images to our development environment
- Provide support to customers and our support engineers across multiple domains
- Act as SCRUM master and manage the day to day ceremonies including stand-ups, sprint planning, story grooming, and sprint retrospectives
- Reduced the run time of our JUnit test suite in our release pipeline, from 20 minutes down to just 5 minutes

Recent Projects

Yahoo Fantasy API	**Personal Project**	**February 2019 - Present**

- Built a Python client that allows consumers to query data from their Yahoo! Fantasy sports leagues that leverages the OAuth 2.0 workflow to enable access to private data
- Added multiple pipelines GitHub Actions pipelines to build and test newly committed code and package and push new releases to PyPi
- Refactored project to make the API more extensible by using a fluent interface to build requests containing resources, sub-resources, and filters
- Added pytest tests to the project that leverages mocking to cover external and internal interactions between each component/layer
- Project source: https://github.com/hkyplyr/yfantasy-api

Education

Bachelor of Science in Computer Science	**June 2017**
University of Calgary	GPA: 3.11

Interests

- Hockey - Played competitive hockey for 14 years and continue to play recreationally.
- Slo-Pitch - Managed a co-ed recreational slo-pitch team for the past 8 years.
- Fantasy Sports - Organized a long running fantasy hockey league with 12 members.