

TECHNICAL EXPERIENCE

Projects

- **java-worm-scrape** (2017) (Java, jsoup)
 - <https://github.com/christopherdani/java-worm-scrape>
 - A web scraping tool written in java that goes through all 304 chapters of the blog based story *worm* and compiles them into a single file.
- **Chess** (2017) (Java)
 - <https://github.com/christopherdani/Chess>
 - A chess program played on the command line.
- **FileFinder** (Contribution) (Java)
 - <https://github.com/parkji30/FileFinder>
 - Currently working with a team of 3 people.
 - A tool that helps users clean up their computer by compiling a list of files with their last accessed dates in the designated folder.

COURSE WORK

- **Software Design** (Eiffel)
 - Worked with a team of 3 students to design and implement a small expression language (basic arithmetic, logical, relational and set operations).
 - Used visitor pattern to implement language evaluation, pretty printing and type checking.
- **Chat** (Prolog)
 - Worked with a partner to implement a chat program that accepts specific relationship statements and respond to queries on those relationships.
 - Parsed input lines and asserts relationships and rules into the database so that it can be queried later.
- **Bayesian Network** (Prolog)
 - Worked with a partner to implement a representation of a simple Bayesian network to calculate the consequence on events, given the probabilities of trigger, control, risk and mitigant events.

EDUCATION

Toronto, ON	York University	Sept. 2014 – July. 2018
• BSc in Computer Science		

LEADERSHIP

- **Vice President of Fencing at York club** (2015 – 2016): Responsible for running practices, managing club's finances, and coach hiring.
- **Captain of men's sabre team at Fencing at York** (2014 – 2016): Led the men's team to compete in 3 Ontario University Athletics, winning one team gold medal (2016 season).

LANGUAGES AND TECHNOLOGIES

- Languages: Java, C (past experience), Prolog (past experience), MySQL (past experience), HTML/CSS (learning)
- Scripting: Unix shell
- IDEs: Eclipse, IntelliJ, Pycharm, Visual Studio Code
- VCS: Git
- OS: Windows, Linux