

Jonathan Gin

SHOPIFY SOFTWARE ENGINEER INTERN · YORK UNIVERSITY

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Education

Shopify Dev Degree Student at York University

Toronto, Canada

B.Sc., HONS. COMPUTER SCIENCE

Sept. 2018 - Exp. July. 2018

- Selected as one of ten students to participate in the Shopify Dev Degree program, a 4-year work-integrated learning program offered by Shopify and York University that combines 4500 hours of work experience with an accredited Computer Science Degree
- Achieved 90th percentile on the 2018 University of Waterloo Canadian Computing Contest.

Skills

Programming Languages Java, Python, FXML (Proficient) • HTML/CSS, JavaScript, \LaTeX (Prior Experience)

Tools and Technologies TensorFlow, Keras, Git, Android Studio, React.js, Bootstrap, jQuery, Adobe Photoshop CC, AutoCAD

Spoken Languages English (Native) • French (Working) • Mandarin (Basic)

Featured Projects

ProfitOverflow | PYTHON

- Received first place prize at Hack the Hammer hackathon by creating a cryptocurrency portfolio manager to conduct high-frequency Bitcoin trading through a recurrent neural network built using Keras with a TensorFlow backend.
- Trained model using data gathered via the Coindesk API and fetched real-time data from *cryptowat.ch* to generate bi-minutely predictions.

Student Information Data Cleaner | JAVA, FXML, CSS

- Designed, developed and deployed a desktop application to parse and clean a CSV file (~1250 lines) containing student information.
- Used FXML and CSS to create a clean, user-friendly interface that is currently being used by Agincourt school staff.
- Dynamically removes or extracts fields based on user input.

AlphaNote | ANGULARJS, TYPESCRIPT, HTML/CSS, JAVASCRIPT

- Created a note taking program that automatically includes diagrams and equations in typed notes by integrating the Wolfram Alpha API.
- Received third place prize at Major League Hacking Local Hack Day at Shopify.
- Used AngularJS to create the frontend of the application and Typescript to process Wolfram Alpha API requests.

Work and Volunteer Experience

Pinpoint Apparel

Toronto, Ontario

CHIEF TECHNOLOGY OFFICER

Nov. 2017 - Present

- Lead web developer of a 4-person team that created and maintains the company website.
- Records minutes at weekly conferences, summarizing meeting events and details.
- Streamlined workplace communication by integrating Slack communication channels.

Chinatown Business Improvement Area

Toronto, Ontario

TEAM LEAD AND EVENT ORGANIZER AT THE TORONTO CHINATOWN FESTIVAL

Jul. 2017 - Present

- Played an active role during the event planning process by leading the discussion regarding youth engagement.
- Managed a team of 8-12 volunteers responsible for information booth staffing, visitor surveying, and zone crowd control during the festival.
- Served as an ambassador for the Chinatown Business Improvement Area during discussions with vendors and merchants.

Extracurricular Activity

HOSA - Future Health Professionals

Ontario, Canada

EVENT VOLUNTEER AND ASSISTANT JUDGE AT HOSA CANADA NATIONAL SPRING LEADERSHIP CONFERENCE

Mar. 2018

- Worked alongside national delegates to ensure efficient progression through scheduled events at Canada's largest health science competition.
- Assisted throughout the competition judging process by verifying that competitors were adhering to event guidelines.

Agincourt Yearbook Council

Agincourt Collegiate Institute

EDITOR AND HEAD PHOTOGRAPHER

Oct. 2016 - Present

- Delegates and dispatches teams of photographers to various school events and activities.
- Uses Adobe PhotoShop to process and edit raw photos.
- Works closely with the senior editors to assess quality of photos and provide constructive feedback to the photographers.