

EDUCATION

- **University of Toronto** Toronto, ON
B.Sc. in Computer Science *Apr. 2020 (Expected)*
 - **GPA:** 3.73/4.00

EXPERIENCE

- **Alamos Gold Inc.** Toronto, ON
Information Technology Intern *May 2017 - Aug. 2017*
 - **Project Tracker:** Developed improved project tracking list using Excel, taking advantage of VBA macros, UI elements and hyperlinks in order to organize department goals and tasks. Reduced inefficiency by eliminating overlapping work and redundant tasks.
 - **SolarWinds:** Revamped company network monitor solution, making use of filters, mailing lists and thresholds to reduce unwanted alerts by 80%.
 - **Office 365:** Migrated company's existing Office suite (Office 2010) over to Microsoft's new Office 365 service, reducing need for on-site servers (resulting in cost savings) and ensuring software is always up-to-date (resulting in less vulnerabilities).

PROJECTS

- **PhotoTagger** 2018
Swift *github.com/carlalvares/phototagger*
 - Created an iOS application to automatically generate tags for a given image using the Imagga API.
 - Incorporated Alamofire through CocoaPods to handle API calls (uploading photos and retrieving tags).
 - Utilized SwiftyJSON through CocoaPods to handle JSON.
- **Checklists** 2018
Swift *github.com/carlalvares/checklists*
 - Created an iOS application to keep track of items in a checklist, stored in an array.
 - Utilized UITableView in order to give the app a vertical flow and display items in cells.
 - Added functionality to add, remove and edit items using an additional View Controller and segues.
- **BullsEye** 2017
Swift *github.com/carlalvares/bullseye*
 - Created an iOS game where the objective is to use a slider to get as close as possible to a given number (randomly generated).
 - Incorporated cumulative score tracking and a button to reset cumulative totals.
- **Personal Website** 2017
HTML, CSS *github.com/carlalvares/carlalvares.github.io*
 - Created a personal website, carlalvar.es, to deliver my contact information and maintain a web presence.
 - Made using the Bootstrap framework.

AWARDS AND HONOURS

- **James Mason Academic Achievement Medal:** Awarded for outstanding achievement in Electrical Engineering or Computer Science.
- **RBC Scholarship for Children:** Awarded based on academic record and extracurricular activities during high school.

PROGRAMMING SKILLS

- **Languages:** Swift, Python, VBA **Technologies:** Xcode, WingIDE, Visual Studio, Git, Bash/Terminal