

ANTHONY D. ROBERTS

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EMPLOYMENT

Irdeto

Software Developer (COOP)

May 2018 – August 2018

Ottawa, ON

- Automated setup for the Cloakware Software Protection suite using Perl, resulting in a highly streamlined and efficient installation process for customers and internal developers
- Developed and assisted in the design of a Python configuration module for a C/C++ compiler wrapper which allowed for compilation customization as well as increased usage logging capability
- Implemented conversion of C/C++ compiler wrapper to LLVM in order to check integrity of transcoded source code against Perennial validation suites
- Co-designed and developed a demo iOS banking mobile application to be obfuscated as a training demo for customers and new developers
- Familiarised myself with the Agile software development life cycle, as well as gained exposure to key development concepts like revision control, regression testing, and more

SKILLS

- Languages: Java, Python, C/C++, Javascript, Perl, SQL
- Technologies: Node.js, HTML/CSS, Git, Google Cloud, Firebase, UNIX/Linux

PROJECTS

Browser Buddies

Full-Stack Chrome Extension
An ongoing project created at the cuHacking hackathon, featuring seamless collaborative browsing: Javascript, NodeJS, GCP, Firebase DB

Can be found at: goo.gl/RWuXo1

Data Structures Quiz

Android Application

Can be found on the play store at: goo.gl/twQanL

A quiz game featuring questions on data structures for studying: Android Studio, XML and Layout Editor

Memory Matching Game

Node.js Application

Can be found at: goo.gl/WqHG4v

A Node.js memory matching game application: Javascript, hosted on Heroku

Socket.io Chatroom

Node.js Application

Can be found at: goo.gl/ukFPVi

A WebSocket based chatroom with many features: Javascript, hosted on Heroku

Personal Website

My own personal website: HTML/CSS and Javascript

Can be found at: adroberts.me

EDUCATION

Carleton University

BS Computer Science | Minor in Psychology

September 2015 – Current

Ottawa, ON

GITHUB

github.com/anthonydroberts