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|  | Andrew Harris  Software Developer | |  |
| Contact H7-3000 Queen St. E  Toronto, ON. M1N1A3  226.678.5899  [Andrew.Harris@torontomu.ca](mailto:Andrew.Harris@torontomu.ca) | | Professional Summary Experienced software developer and researcher with a robust background in web and native applications. Proven background in medical image processing. Currently augmenting education with self-study courses in AI/ML and ISO 13485 Certification | |
| Technical Proficiencies Python, C++ with ITK, Java, R, MATLAB, LaTeX, Flask, React, SQL, Git, Arduino, Raspberry Pi, Heroku Key Skills Teaching/Coaching  Research  Academic Writing  Problem-solving  Software Development  Communication Technology | | Education2016 - 2018 PhD Student | Western University (Medical Biophysics)  Teaching assistant for Introduction to Programming in Python, Statistics for Biological Sciences using R  Developed image registration software using C++ and Insight Toolkit by Kitware  Quality assurance on Varian Linac machines 2011 - 2016 Bachelor of Science w/Honours | Ryerson University (Medical Physics)  Facilitated study program leader in Physics, Organic Chemistry, Computer Programming in MATLAB, Calculus  NSERC grant recipient for two summer research projects  Developed week-long workshops in MATLAB, LaTeX | |
| Project Examples Showbase AV employee mgmt. portal (Flask, Python)  Shift-64 3D ultrasound image registration tool (C++, ITK)  ASD marching cubes stroke detection tool (MATLAB)  SolarSim LED solar simulator controller (Java) | | Work Experience (Non-Academic)2011 - Present Technical Director | Westbury/National Show Systems 2013 - 2017 Media Services Assistant | Ryerson University | |