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JARED BARIBEAU

University of Waterloo | Ontario, Canada | CAD & DEU Citizen

Experience

- Software Engineer | Uber Summer 2017
- Setup automated micro-service integration and load testing
 - Implemented entity change logging for vehicle history feature
- Software Developer | Leysin American School in Switzerland 2016
- Led the planning, build, and launch of a school wide student attendance app
- Product Designer | Nulogy 2016
- Designed interactive "Data Discovery Dashboards" new major feature
 - Championed introduction of a powerful user interaction analytics platform
- Business Development Associate | Shoplogix 2015
- Generated international B2B SaaS sales in the manufacturing industry
 - Initiated worldwide sales effort with a top 3 automotive manufacturer
- Software Developer | TD Bank (Innovation Lab) 2014
- Built Smart Display and Customer Greeting prototypes featured on TD Youtube
 - Built tech presented on stage by VP of Technology at TD Innovations Town Hall
- Electromechanical R&D Co-op | Stein Industries Inc 2014
- Designed and built rocket fuel injection controller embedded system
- Mentor, Former Captain | FIRST Robotics Competition 2011-Present
- Directed the design, manufacturing, and build for 3 competition robots
 - Led team of 30 students to compete at the world championships twice
 - Nominated for Deans List Award for leadership, passion, and creativity
- Director of Technology | CUTC Foundation 2016
- Residence Don / R.A. | Conrad Grebel University College 2015-16
- Orientation Week Coordinator | Conrad Grebel University College 2015
- Tool and Die Manufacturing Co-op | ArmoTool 2012-13
- Mechanical Designer | BOS Automation 2012-13

Skills

- Software** Java/C++/C/Matlab/Python
Ruby/Rails/Node.js
Bootstrap/HTML5/CSS3
SQL/MongoDB/OpenCV
- Design** UI/UX Design/Graphics
User-Centered Design
Sketches/Wireframes/Mockups
Photoshop/Sketch.app
- Hardware** Control Systems/Simulation
Signal & Vision Processing
PCB Design/Pi/Arduino
Diptrace/Altium
Oscilloscope/Multimeter
- Mechanical** Solidworks/AutoCAD
Pneumatics/Actuators
Motors/Sensors
Machining/Manufacturing

Education

- University of Waterloo
3B Systems Design Engineering '18
- CGUC Student Council VP
 - Intramural Hockey/Volleyball/Basketball
 - Courses: Software Design
Data Structures & Algorithms
Human Factors in Design
Entrepreneurship
Engineering Economics

Interests

- Guitar Sustainable Development
Elon Musk Mountain Biking
Fresh Coffee Alpine Sports
Music Production Jr. B Hockey

Projects

- Demine Robotics collab. (Landmine Removal) · Robotics/Social Good Present
- digitalsabbath.io (Social Campaign) · Marketing/Web Development Present
- Velocity World's Challenge (Pitch Competition) · Blockchain/Business 2017
- Handle (Computer Vision/Sports Training Device) · Python/OpenCV/Pi 2017
- Tidbits (Friendship Assistant App) · Ruby/Rails/ReactNative/Android 2017
- imagine.cutc.ca (Conference Website) · HTML/CSS/JS/Photoshop 2016
- InstaFind (Personal Belonging Trackers) · Android/Arduino/Pi/BTLE 2016
- LiveLocal (Startup UI/UX Designer) · iOS app design + HiFi Mockups 2015
- MyoMote (Wearable Remote, HackTheNorth) · Android/Arduino/BT/IR 2014