Systems Design Engineering
Class of 2018

JARED BARIBEAU

📍 University of Waterloo | Ontario, Canada   🇨🇦 CAD & DEU Citizen 🇺🇦

📱 +1.519.872.8343
✉️ jared.baribeau@uwaterloo.ca
⚙️ github.com/jaribeau
www. jareds.site

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 Essentials
            Economics of Design

Interests

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

Experience

Software Developer | Leysin American School in Switzerland   Present
· Led the planning, build, and launch of a school wide student attendance app
· Coached and mentored high school students in volleyball, math, and coding

Product Designer | Nulogy   2016
· Designed interactive "Data Discovery Dashboards" new major feature
· Championed introduction of a powerful user interaction analytics platform
· Delivered elegant design solutions to highly complex customer problems

Business Development Associate | Shoplogix   2015
· Generated international B2B SaaS sales in the manufacturing industry

Software Developer | TD Bank (Innovation Lab)   2014
· Built Smart Display and Cutsomer 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 (Altium/Diptrace), programmed (C), and tested embedded systems
· Built high speed fuel injection pressure controller (for use in BIG rockets)

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

Projects

Velocity World's Challenge (Pitch Competition) · Blockchain/Business	Present
Handle (Computer Vision/Sports Training Device) · Python/OpenCV/Pi	Present
Tidbits (Friendship Assistant App) · Ruby/Rails/ReactNative/Android	Present
Waterloo Works+ (UI Improver) · JQuery/HTML/CSS/Chrome	Present
imagine.cutc.ca (Conference Website) · HTML/CSS/JS/Photoshop	2016
InstaFind (Personal Belonging Trackers) · Android/Arduino/Pi/BTLE	2016
HappyHeart (Hack@Brown Finalist + Best Data Vis.) · NodeJS/MongoDB	2015
LiveLocal (Startup UI/UX Designer) · iOS app design + HiFi Mockups	2015
MyoMote (Wearable Remote, HackTheNorth) · Android/Arduino/BT/IR	2014