

Matt Goguen

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mattgoguen.github.io

Skill Highlights

- Agile/Scrum methodology
- Fluent in C, C++, Java, SystemVerilog/VHDL
- Experience with Python, Swift, RESTAPI, JavaScript, HTML
- Experience with iOS and Android
- Strong experience with SoC design
- Workflow management with Git
- Deployed continuous integration
- Strong understanding of computer systems, skilled with Linux based OS
- Team oriented, driven to lead
- Strong communication skills
- Experience with cloud services

Education

University of British Columbia, Vancouver, BC. **2015-2020**
Bachelor of Applied Science (Engineering) in Computer Engineering – 3.7 GPA

Noteworthy Projects

- Capstone Project: Designing an IoT Gateway / Data Exporter for Panevo Services Limited
- Built a cooking app for Android. Implemented machine learning / computer vision to recognize cooking ingredients, and then filtered recipes from an AWS database by the ingredients recognized
- Built a custom microprocessor on an Altera DE1-SoC board
- Designed an iOS speech transcription app for automated meeting minutes
- For more information on some of my personal projects, visit my website, mattgoguen.github.io

Experience

Whistler Blackcomb Resort

May 2018 – September 2018

DFX Kids Downhill Mountain Bike Instructor

Whistler Bike Park is considered the best in the world.

Coached mostly expert young riders aged 8-18, primarily in large jump progression and in riding extreme terrain. Responsible for risk management, first aid, and being the main liaison with parents.

Angel Fire Resort

Summers May 2016 – August 2017

Head Downhill Mountain Bike Instructor

Angel Fire is the #1 rated mountain bike park in the Southwest U.S. (mtbparks.com) and one of the top-rated parks in the world.

Coached beginner to expert downhill mountain bikers in all aspects of successful progression in a challenging and high-risk sport. Trained all ages and abilities. Responsible for safety and first aid. Lead customer service as the head ambassador for the mountain and worked in the bike shop as a mechanic.

Achievements

- UBC Sailing Team – Travel and Safety Officer (elected)
 - One of four team members selected to represent UBC at the 2017 Canadian Intercollegiate Sailing Association Nationals hosted by the Royal Military College of Canada in Kingston, Ontario
 - Member of the UBC J70 crew that won the J70 class of the 2017 EDHEC International Regatta in Port Arzon, France. The EDHEC regatta is the world's largest intercollegiate offshore regatta
- Finisher, 2016 Vancouver BMO Marathon (at 19 years of age)