

# Matt Goguen

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[mattgoguen.github.io](http://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
- Excellent communication skills
- Experience with cloud services

## Education

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

**2015-2020**

## Projects

Visit [mattgoguen.github.io](http://mattgoguen.github.io) for further information.

- Capstone Project: Designing an IoT Gateway / Data Exporter for Panevo Services Limited
- Experience implementing Machine Learning / Computer Vision, specifically for recognizing cooking ingredients in an Android application
- Built a custom microprocessor on an Altera DE1-SoC board
- Designed an iOS speech transcription app for automated meeting minutes

## Work 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](http://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) 2016-2019
  - Selected to represent UBC at the 2017 Canadian Intercollegiate Sailing Association Nationals hosted by the Royal Military College of Canada in Kingston, Ontario
  - 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
- Completed the 2016 Vancouver BMO Marathon (at 19 years of age)