GABRIEL REVELLS

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                        48197

Education

Michigan Technological University, Michigan — BS Software Engineering
- Department GPA 3.42

Experience

iOS Application Development   2013-Current
- Built an iOS Application with Xcode and Swift for release in the App Store.
- Tested user interface for completeness and ease of use.
- Redesigned interface based on user experience feedback.

Lead Instructor, iD Programming Academy,   2015-2016
Princeton, NJ
- Taught 64 students the Swift language and iOS App creation.
- Coached other instructors on the tools to use with students in the classroom.
- Achieved consistently high approval ratings from both students and parents.
- Managed and coordinated 48 students and 8 fellow staff members at a time.

Teaching Assistant and *Computer Science Coach*,   2013-2016
Michigan Technological University
- Taught and advised 210 students in 7 introduction to programming labs over 5 semesters.
- Aided students with homework in various Computer Science courses.
- Assisted professors in determining possible changes to their assignments.
- Often went above the required courses and assisted students with higher level assignments.

Lead Instructor, iD Programming Academy,   2013-2014
Princeton, NJ
- Designed and taught Java, C++, and Objective-C courses to students.
- Supervised group activities and led both students and co-workers.

Languages and Tech

Languages
- C/C++/Objective-C
- Swift
- HTML/Javascript/PHP
- Java
- Python
- Ruby
- SQL
- Racket

Technologies and Processes
- Angular.js
- Multi Threading/Processes
- Unix
- Agile

Software
- Eclipse
- Visual Studio
- Xcode
- Mathematica
- PyCharm

Relevant Classes
- Systems Programming
- Concurrent Programming
- Algorithms
- Databases
- Programming Languages
- Data Mining
- Networks
- Cryptography
- Human-Computer Interactions

Other Experience

- Designed, built and released an iOS app   2017
- Team technical lead, Human Computer Interface class   2017
- Team leader, Programming Languages Project   2015
- Participant, Annual BonzAI Brawl Programming Competition   2014, 2015
- Band Section Leader   2011-2012