

Serge-Olivier A mega

(240) 460-9301
amegasergeolivier@gmail.com

EDUCATION

Cornell University 2015-Now
Computer Science
Ithaca, NY

St John's College HS 2012-15
Chevy Chase, DC

HONORS

- McMullen Dean's Scholar
- Dean's List

COURSEWORK

Honors Object Oriented Design and Data Structures
• Operating Systems • Algorithms • Graphics •
Discrete Structures • Functional Programming •
Computer Systems Organization • Database Systems
• Engineering Probability and Statistics • Linear
Algebra • Multivariable Calculus

PROGRAMMING LANGUAGES

Swift • Objective-C • Objective-C++ • C++
• C • Java • C# • Javascript (Node.js) •
OCaml • Python • Golang • Rust • GLSL

TECHNOLOGIES

MySQL • Git • Mercurial • GraphQL • REST
• OpenGL • WebGL • iOS/Cocoa Touch •
Unity • Qt • Shell

SKILLS

Object-Oriented Programming
Functional Programming
User Interface Programming
Graphics Programming
Code Profiling and Optimization
Algorithms & Data Structures

WORK EXPERIENCE

Facebook

Software Engineering Intern - iOS Summer 2017

- Utilized A/B testing to maximize effectiveness of app layout
- Contributed to the development of features on the Facebook app using Component-based architecture and GraphQL
- Collaborated with team of developers, product managers and designers to improve the functionality of the app

Independent iOS Developer

2014-Now

- Built and submitted iOS apps to the iTunes App Store
- Developed server backends for iOS apps using Node.js and Golang
- Used the MVC design pattern to build apps with User Interfaces in an organized and maintainable way
- Used third-party libraries to perform tasks like fetching and handling server-side data

EXTRA CURRICULAR

Creative Computing Club

Co-founder, Project Software Lead Jan 2017 - Now

- Managed software team for a project
- Collaborated with other founders to build a budget and organize club structure