

Gabriel Kutuzov

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Work Experience

Software Developer at Rockefeller University (August 2018 - August 2019)

Developed and maintained a graphics plotting library for biological modeling purposes.

- Worked mostly with C/C++ with custom Rockefeller C Standard Library.
- Heavy use of MPI for parallel-computing jobs.
- Maintained a library that produces metafiles with encoded plotting operations.
- Developed a program that decodes the metafiles, produces graphics and CLI dump.
- Use of FLTK for GUI implementation (C++11 library).
- Developed many unit tests for different systems in the codebase.
- Deployed updates as per deadlines. Pushed commits to SVN.
- Worked closely with project manager to deliver correct design.
- Produced high-quality, optimized and easily readable code. Followed a style document.
- Made with and primarily for Linux.
- Worked mostly remote from home.

Programming Private Tutoring (October 2016 - March 2018)

- Remote private sessions entirely over the internet (used Skype and Teamviewer).
- Taught C#, Java and aspects of Game Development with OpenGL libraries and Unity3D.
- Taught fundamentals of computer science.

Freelance Programming (January 2016 - March 2018)

- Mostly Game Development projects with Unity3D/C#.
- Developed VR projects with Unity3D.
- Helped with Java, .NET (C# and VB), and Python projects.

Administrative Assistant at Gertner & Gertner Law (February 2018 - August 2018)

- Used C# and Python to automate tasks for myself and other employees (mostly basic I/O systems for tedious spreadsheets).
- Answered phones and collected messages.
- Organized legal documents and boxes.
- Helped other employees setup legal software on their computers.

Education

Ocean County College (online classes)

- Pursuing Computer Science degree.
- Will transfer to Rutgers University for B.S. and M.S.

Jackson Liberty High School (Jackson, NJ)

High School Diploma

Never took AP computer science course, scored higher on AP-Test than students.

Skills

- Languages: C, C++, Python, Java, Kotlin, C#/.NET, Visual Basic, SQL, Perl, Bash scripting, Lua, HTML, CSS, Javascript(React/Backbone/Angular). *Can quickly learn any language/technology necessary for any position.*
- Skills Rundown: Networking, graphics (OpenGL, Qt, FLTK), parallel programming (MPI), multithreading, Visual Studio/.NET, Vim, MVC, RTOS, basic machine learning, git/version control, GitHub, SVN, automated unit testing, embedded programming, Python OpenCV image processing, documentation, SQL, debugging (GDB), memory management, creative problem solving, customer service skills.
- Operating Systems: GNU/Linux, Unix and Windows proficiency. Messed around with OpenBSD a little bit.