

Peter Gutenko

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EDUCATION

- University of Colorado Boulder
- Computer Science, BS
- Coursework: Algorithms, Computer Systems, Operating Systems, Compilers, Cybersecurity, AI, Computer Graphics, Network Systems, Object-Oriented Design, Physical Computer Interfaces
- Major GPA: 3.284 | Cumulative GPA: 3.133
- Graduated May 2018

WORK EXPERIENCE

Graphics Engineer on OpenCL team at Qualcomm Inc. | January 2019 to present

- Maintained Adreno OpenCL driver and test frameworks, including unit testing and debugging.
- Worked closely with team to solve issues in several large proprietary codebases.
- Primarily used Git, Perl, Python, and C/C++, on Windows and Linux.

Software Development Intern on the Amazon Prime team | June to August 2017

- Worked with machine learning and big data technologies in Java and Python.
- Extensive use of Git, code reviews, unit testing, and agile development.

COMPUTER SKILLS

Languages/APIs

- Java, C/C++, C#, Scala, Python, Kotlin, Rust, HTML/CSS/JavaScript, Bash scripts, Makefiles
- S3, SQL, OpenGL, OpenAL, OpenCL, WebGL, OpenGL ES, GLSL, BASIC
- Large projects in Java, Android app development, networking, threading, driver development in C/C++, databases, extensive projects using OpenGL and GLSL. Comfortable with object-oriented, functional, and imperative paradigms.

Operating Systems

- Windows, macOS, Linux (Ubuntu, Arch, Solus, Kali) | Used all three extensively

Development Tools/Software/Libraries

- Git, Make, Bash, Vim, Regular Expressions
- IntelliJ/Clion, Visual Studio, Eclipse
- Sublime Text, Atom, Photoshop, Blender, Maya
- Unity and Unreal game engines
- Experience with version control, code reviews, unit testing, and agile development.

PROJECTS

Published game, titled Prompt | Distributed via Steam | Published Summer 2015 | Multiplatform

- Twitch platformer coded in Java using OpenGL for graphics; no prebuilt engine used.
- store.steampowered.com/app/366590 - Review copies freely available upon request!

Space Grant | Volunteer work | Computer Systems team

- Backend Ubuntu server and website maintenance, and general IT for computer labs.

Portfolio website | gutenko.de | HTML/CSS/JS | Bootstrap framework | Site built with Python

- Fully responsive design; many smaller projects, games, and graphics experiments on display.

LEADERSHIP | Eagle Scout in Troop 387 | FIRST Robotics team 1984 | Engineering Honors Program at CU