

# Peter Gutenko

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## EDUCATION

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

## 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 major OSes as daily drivers and development platforms, physical and virtual.

### Development Tools/Software/Libraries

- Git, Make, Bash, Vim, Regular Expressions, IntelliJ, Eclipse, Netbeans, Android Studio,
- Sublime Text, Atom, Photoshop, Blender, Maya, NodeJS, Bootstrap, LWJGL, JSON, Lombok
- Unity and Unreal game engines, and SDKs for game consoles including the PS Vita and GBA.
- Experience with version control, code reviews, unit testing, and agile development.

## PROJECTS & EXPERIENCE

### 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/version control, code reviews, unit testing, and agile development.

### 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](https://store.steampowered.com/app/366590) - Review copies freely available upon request!

### The Trash Panda Dilemma | Class project for Object-Oriented Design | Four-person team

- Designed and built a game in Java, first planning out class diagrams and design patterns.

### Space Grant | Volunteer work | Computer Systems team

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

### Portfolio website | [gutenko.de](http://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 | Troop 387 in Overland Park, KS | Hiked at Philmont twice

FIRST Robotics Team 1984 | Lead programmer, team made it to Nationals

Engineering Honors Program at CU, National Honor Society in High School