

June Baxter

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Education History

- Westminster University (PKA Westminster College), 1840 S 1300 E, Salt Lake City, UT 84105
 - Dates: 2018–present, expected graduation 2024.
 - Major: Computer Science.
 - Cumulative GPA: 3.3.
 - Honors: Dean’s List, fall 2019, spring 2020, and fall 2020.

Educational Experience

- Computer security: experience with defensive and offensive computer security.
- Software development: experience with team software development using the agile process.
- Databases: experience using MySQL databases.
- Computer networks: experience working with computer networks.
- Operating systems: experience with operating system design principles.
- Programming languages: experience with programming language design principles.
- Computer architecture: experience with computer architecture design principles.

Work Experience

- Education outreach assistant, Great Salt Lake Institute, Westminster University, 2017–2022.
 - Designed and constructed educational materials, some of which have been used by the Natural History Museum of Utah and the Bear River Bird Refuge visitor center.
- Tutor, Math and Computer Science Departments, Westminster University, 2019.
 - Tutored Westminster computer science and math students.
- 3D print lab assistant, Jaramillo Collaborative Art Lab, Westminster University, 2017–2018.
 - Assisted Westminster students and faculty in 3D printing and CNC machining.
- Help desk technician, Information Systems, Westminster University, 2018.
 - Assisted Westminster students and faculty with technical issues.

Publications

- An analysis of Great Salt Lake Winogradsky columns, *Journal of Oceanology and Limnology*, De Leon, S.A., Jackson, A.E., Black, W., Thomas, W., Kruback, M., **Baxter, J.**, & Baxter, B.K.
- Preservation of Biosignatures in Gypsum as a Model for Mars Sample Return, *Astrobiology*, Martinez-Koury, P., Jagniecki, E.A., **Baxter, J.**, & Baxter, B.K.
- Microbial Diversity at Rozel Point Tar Seeps, Great Salt Lake, Utah, *Frontiers of Microbiology*, Martin, C., **Baxter, J.**, & Baxter, B.K.

Technical Skills

- Programming: C, C++, Java, JavaScript, Python, Perl, shell script, R, MySQL, LaTeX, x86 assembly.
- Systems: GNU/Linux.
- Software: Git, Eclipse, IntelliJ IDEA, GNU Core Utilities, 3D printing and CNC machining software.