

# SPENCER P. CUTRELL

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## WORK EXPERIENCE

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### University of Wyoming *Developer*

May 2016 - Present  
*Laramie, WY*

- Essential part of a migration from the legacy system to Oracle Cloud
- Took ownership to help facilitate the conversion and integration of current data with the new system
- Wrote code to take flatfiles from a landing zone and write them to the database
- Worked with clients to develop new features and repair bugs that impacted their ability to perform their job
- Wrote queries to the databases to generate reports and update data as requested

### Snowfly *Full-Stack Developer*

March 2015 - May 2016  
*Laramie, WY*

- One of two developers tasked with a complete rebuild of the company's core application
- Wrote a RESTful API to allow third party developers to write games for the application
- Created and designed an "Account Settings" page to allow users to change their user settings
- Created an RSS reader in javascript and PHP to allow clients to update their employees using our application
- Designed and developed a system to allow supervisors to track, manage, and distribute prizes to their employees
- Provided valuable input for the direction of the application including design, development, and security

### United States Navy *Cryptographic Technician - Interpretive*

February 2003 - August 2006

- Experience as a non-commissioned officer
- Learned and maintained a foreign language (Hebrew)
- Served as a subject matter expert in the target language
- Transcribed, translated, and interpreted material related to the target language
- Provided cultural and regional guidance in support of Navy, Joint Force, national, and multinational needs
- Held a TS/SCI Clearance

## EDUCATION

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### University of Vermont B.A. in Philosophy Minor in Political Science

2012

### University of Wyoming Pre-graduate coursework (30+ hours) in computer science including graduate classes in preparation to apply for a graduate program

2014

## CURRENT PROJECTS

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### BF Interpreter Interprets and runs BF code

*C, Python*

### BF Transpiler Transpiles BF into C code

*Python*

## TECHNICAL SKILLS

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<b>Languages I Know:</b>	Bash, C, Python
<b>Languages I Have Used:</b>	C++, Go, Javascript, PHP
<b>Programming Environment</b>	Linux and Vim
<b>Tools</b>	SQL, Git, CLI eg Grep, awk, sed