

# Benjamin Wilfong

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## Objective

To begin a fruitful career in **software development** in northern Colorado. I hope to couple my problem-solving ability with my **love of writing code** to tackle new challenges and continue lifelong learning.

## Technology Summary

<b>PROGRAMMING LANGUAGES</b>	• Java	• HTML5	• JavaScript
	• C++	• CSS3	• PHP
<b>DATABASE</b>	• MySQL		
<b>VERSION CONTROL</b>	• Git	• Github	
<b>OPERATING SYSTEMS</b>	• Windows (XP through 10)		
	• Linux (Ubuntu, Kali)		
<b>OTHER TOOLS (IDES, SDKS, ETC.)</b>	• Eclipse	• Android SDK	• Drupal 7
	• Atom	• Android Studio	• Joomla!

## Experience

### FULL STACK DEVELOPER | FAIRMONT STATE UNIVERSITY | JULY 2016 - PRESENT

- Constructed and remotely-hosted a **MySQL database** to collect and organize solar energy data being recorded by the Chemistry Department
- Created a website heavily implementing **Drupal CMS, HTML, CSS, JavaScript, and PHP**
- Implemented functionality to store into and query data from the MySQL database from the website
- Constructed dynamic, interactive visualizations to model the data using the **D3.js libraries**
- Started as a volunteer, later **awarded the NASA Space Grant Consortium for Undergraduate Affiliate Fellowship Program grant** to continue research throughout the school year
- Link to site here: (<http://solararmy.fsuhosting.com>)

## Education

### B.S. IN COMPUTER SCIENCE | MAY 2017 | FAIRMONT STATE UNIVERSITY | GPA: 3.17

- Related Coursework: OOP Concepts, Database Management, Algorithm Analysis, Network Programming, Operating Systems, Data Mining, Automata & Language Design, Software Engineering

### B.S. IN COMPUTER SECURITY | MAY 2017 | FAIRMONT STATE UNIVERSITY | GPA: 3.17

- Related Coursework: Network Administration, Cryptography, Network Security Technology, Vulnerability Assessment

For all project source code, please visit <https://github.com/bwilfong3>

For an in-depth view of my current projects, please visit my website at [www.bentheengineer.com](http://www.bentheengineer.com)!

References available upon request