

Benjamin Yocum

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PREVIOUS EMPLOYMENT

PHP Webmaster, BYU, Apr 2013 - Dec 2015

EXPERIENCE

Built custom PHP web application for uploading and managing letters of recommendation

- Spoke with non-technical end user to get application requirements
- Designed MySQL database, PHP back-end, HTML/Bootstrap front-end
- Built PHP, HTML, CSS application from the ground up
- Application included custom CMS through JavaScript and PHP, input validation, secure user accounts (basic and administrative), permanent data storage (file and MySQL)
- Currently serves tens of thousands of users per year

Managed, Updated, Modified 9 Drupal Websites on LAMP servers

- Managed ccc.byu.edu, ucs.byu.edu, others
- Modified Drupal themes to make them mobile-responsive
- Modified calendar module for greater flexibility
- Updated Drupal core, installed Drupal modules
- Updated content through standard Drupal interface
- General bug-fixing and maintenance

Built Angular JS/Flask PHP journaling web application

- Secure log-in
- Allows storage of data (daily journal)

Built Java HTTP Server for Settlers of Catan

- Event-driven Java HTTP server
- Allows unlimited concurrent games, 4 users per game

SKILLS

- **Coding Languages:** PHP, Java, Python, JavaScript, CSS, HTML, C, C++, C#
- **Database Technologies:** MySQL, Microsoft SQL, PostgreSQL, Mongo, Neo4j
- **Applications:** PHPStorm, IntelliJ IDEA, Eclipse, Sublime Text, PowerShell, IIS
- **Systems Administration:** Linux and Windows Servers, Apache2, MySQL, LAMP

DEGREE

Bachelor of Computer Science, Brigham Young University, Dec 2015

LANGUAGE SKILLS

Spanish (two years in Guatemala)