Shane Eckenrode

Education

The Pennsylvania State University – University Park, PA   **Expected May 2016**
- Bachelor of Science in IST Systems: Design & Development
- Cumulative GPA: 3.87
- Dean's List: 6 out of 8 semesters

Project Experience

Standing Wave JavaScript Application   **July 2015 – August 2015**
- Converted Java Applet into interactive JavaScript web app for Penn State eBook.
- Emphasis on jQuery & animation.

Bohr Model JavaScript Application   **June 2014 – July 2015**
- Project contributing to online student textbook.
- Converted Java Applet into new JavaScript app.
- Advanced JavaScript animations.

ActionScript Programming   **January 2015 – February 2015**
- Class-related individual game project programmed using the FlashPunk package.

Work Experience

January 2015 – August 2015
The Pennsylvania State University – University Park, PA
Chemistry Department Student Programmer Intern
- Project-oriented internship developing eBook apps
- Completed Bohr Model and Standing Wave Model
- Projects converted from Java to JavaScript

June 2014 – Present
The Pennsylvania State University – University Park, PA
Chemistry Department Programmer
- Programming JavaScript-driven applications
- Utilized Git as code repository
- Emphasis on animated models

General & Technical Skills

- Intermediate in French
- Global teams experience
- Object-oriented programming
- Programming Languages
  - Basic in SQL, ActionScript + FlashPunk, Ruby + Rails
  - Fluent in Java, HTML, CSS, PHP, JavaScript
- UML designing and diagramming
- Team-oriented skills

- Advanced in Windows and Mac OS X
- Computer hardware assembly
- Development Software
  - Netbeans, Sublime
  - FlashDevelop, Unity, WebStorm
  - Git + Github, Sourcetree, Heroku

Achievements/Awards

- Mitchell Trustee Scholarship: 2012-2013
- Bethany Menzies Trustee Scholarship: 2013-2014
- Grandchildren of Jones & Lear Scholarship: 2014-2015

- Don and Mary Haile Trustee Scholarship: 2015-2016
- Class of 1922 Memorial Scholarship: 2015-2016