**EDUCATION**

**Bachelor of Science in Computer Science** January 2017 - December 2018

Oregon State University, *Online Ecampus* GPA: 3.88

**Bachelor of Science in Aeronautics** August 2010 - May 2014

Liberty University, *Lynchburg, VA* GPA: 3.05

**TECHNICAL SKILLS**

* Proficient: C, Javascript, Node.js, SQL, HTML, CSS
* Some experience: C++, Python, Django, PHP, Assembly Language

**PROJECTS**

**CPR Analytics** [www.cpr4classrooms.com/cpr-analytics.html](http://www.cpr4classrooms.com/cpr-analytics.html)

Technologies used: Python, Django, Javascript, HTML, CSS

I work with another developer to develop and support this web-based application created for Hocus Focus, Inc., a nonprofit organization. CPR Analytics is used in special education classrooms for recording and analyzing students’ progress.

**Fitness-Log** [www.fitness-log.com](http://www.fitness-log.com)

Technologies used: Node.js, passport.js, mySQL, Google charts, Javascript, HTML, CSS, Heroku

Fitness-log is a side project created while working on my computer science degree. It is a web-based tool used for tracking fitness goals and progress.

**Senior Capstone Project** <http://www.patrickevanspencer.com/docs/capstone_poster.pdf>

Technologies used: PHP, Codeigniter, D3.js, Javascript, HTML, CSS

Worked with two other students to complete a project for SOWISO, an Amsterdam based company with an online learning platform for math and science. My team implemented a new feature for their platform that uses test results data to determine how well the test questions assess students' knowledge of the test subject and how reliable the test as a whole is.

**WORK EXPERIENCE**

**Pilot - First Officer** June 2016 - Present

Piedmont Airlines,*Philadelphia, PA*

* Assist the captain in the safe and efficient operation of the Embraer ERJ 145 aircraft.
* Help insure all flights are conducted in accordance with established company policies and Federal Aviation Regulations.

**Certified Flight Instructor** April 2014 - May 2016

Liberty University School of Aeronautics,*Lynchburg, VA*

* Conducted one-on-one flight training with students utilizing aircraft, flight simulator and classroom instruction.