PATRICK SPENCER

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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
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
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.