

David C. Regal

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Education

B.S., Electrical Engineering, University of Florida, 2003. GPA 3.9, Highest Honors, 4th in class.
High School, Forest Lake Academy, 1998. GPA 4.0, Highest Honors, Valedictorian.

Additional Education

- * Senior project at UF - helped design, manufacture, and program network device for 1980's game console MSX
- * Software Engineering course.
- * Weeklong courses in Debugging and Troubleshooting methods, UML Software Design, and CPU Architecture.

Awards and Extras

Active member of pro-bono Wellness Team at UTC Aerospace Systems.
Volunteer systems administrator and technical lead of the audiovisual department for a local non-profit.
Tau Beta Pi - Engineering Honor Society.
Eta Kappa Nu - Electrical Engineering Honor Society.
National Honor Society – Recognizing students who have demonstrated excellence.

Professional Experience

Techborder, Owner and Software Contractor, 5/2003 - Present

- * Development for various websites using CSS, JavaScript, Linux, Apache, MySQL and PHP (LAMP).
- * Customized VirtueMart, an eCommerce for Joomla Content Management System.
- * Developer and systems administrator for a website that provides learning opportunities for children.

UTC Aerospace Systems (Goodrich Corp), 6/2006 – 7/2013

Senior Analyst, 8/2012 – 7/2013

- * Debugged and fixed memory issues causing system crashes (C).
- * Recompiled Java code to create a custom client (Eclipse).
- * Implemented custom website to query and retrieve PDFs from Oracle database (Perl).

Systems Administrator, 4/2011 – 8/2012

- * Programmed in C, C++, BASH Shell, and Perl computer languages on Windows and UNIX.
- * Designed software and technical lead for a team of programmers in India.

Applications Analyst II, 6/2006 – 4/2011

- * Programming in BASH Shell, and Perl computer languages on Windows and HP UNIX.
- * Gathered requirements, documented, and implemented applications for engineering department.

Intel Corp, Computer Engineer, 2/2004 – 11/2005

- * Programmed Linux test applications in C.
- * Investigated hardware failures using logic analyzers, oscilloscopes and electrical schematics.

Pacific Union College, Computer Programmer, 6/2003 - 2/2004

- * Debugged and implemented Federal Reporting module for UNIX AIX database.
- * Teamed with group of 5 to design and implement resource planning software for a local business.
- * Promoted from programmer to webmaster and database administrator assistant.

VBNI, Web Developer, 9/2000 - 5/2003

- * Developed applications on LAMP stack.
- * Promoted from computer hardware technician to developer.

Hobbies

Learning - I enjoy building my knowledge and my technical abilities by watching numerous online classes, listening to lectures, and reading articles from Google IO, MIT, Stanford and Princeton.
Mountain biking, snowboarding, rock climbing, camping and hiking.