# Jordan P. Bayles

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## JOB OBJECTIVE

**Up-and-coming computer engineering student** desiring opportunities to build upon and expand engineering skills at a high level and forge positive relationships with employers in related industries.

## EDUCATION

**Oregon State University** — Corvallis, OR
*College of Engineering, B.S. Electrical and Computer Engineering* — *2010-2014*
- (Cumulative) Grade Point Average: 4.00/4.00
- Full member of Oregon State Honors College
- Minor in Mathematics

**West Salem High School** — Salem, OR
*Honors Diploma* — *2006-2010*
- (Graduating) Grade Point Average: 3.95/4.00
- Actively involved with Science and Math Departments
- Member of both Band and Choir programs on competitive levels

## EXPERIENCE

**Mathematics Research** — Spring 2012
*Mathematics department, Oregon State University*
- Awarded Undergraduate Research, Innovation, Scholarship & Creativity (URISC) funding
- **Built upon** existing model (BPVE) of articular cartilage by implementing generalized Polynomial Chaos
- Coordinated closely with OSU faculty to create a polished, publishable paper

**Software Engineering** — Summer 2011
*Software Engineering Intern on the GTN 6xx/7xx Project, Garmin AT*
- Extensively used **Python 2.6** to increase testing efficiency
- Worked with Garmin's GTN 6xx and 7xx units, both **software emulation** and **hardware testing**
- Gained in depth familiarity with **version control software** in a corporate environment

**Software Engineering** — Summer 2012 - Present
*Software Engineering Intern on the MPM2 Map Library Project, Garmin AT*
- Helped efforts to migrate from Borland Starteam to **Git version control**.
- Modified and wrote C, C++ source code, unit tests, including **OpenGL**.
- Interfaced with consuming projects (GTN 6xx/7xx, Gxxxx projects)

## TECHNICAL SKILLS

**Software:** Microsoft Office Suite, Visual Studio, Vim, Version Control (Git/StarTeam/Svn), SPICE
**Operating Systems:** Windows XP & 7, GNU/Linux, Android
**Electronics:** Oscilloscopes, multimeters, digital logic design, Xilinx, soldering
**Languages:** C, C++, LaTeX, shell script, Python, Verilog (HDL), Matlab, SPICE, HTML/CSS

## ACCOLADES

- HKN Sophomore of the Year
- Garmin Electrical and Computer Engineering Scholarship (Garmin Scholar)
- Drucilla Shepard Smith Scholastic Award
- Honors, College of Engineering Deans Scholar
- National Merit Scholar (Finalist)