

Ben Turner

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Undergraduate Seeks Internship in Computer Science Industry

Education

B.S. Degree, Computer Science

May 2013

Utah State University, Logan UT

- Member and Activities Committee, ACM Student Chapter, 2012-Present

Technical and Work Skills

- Programming Languages: C++, Java, and Cold Fusion
- Courses: Data Structures & Algorithms, Software Development, Mobile App Development, and Operating Systems
- Excellent debugging skills developed through unit testing and tutoring
- Proficient and detail oriented with documentation
- Familiar with SQL through database-driven, web-based software
- Excellent interpersonal and technical writing skills

Internship Experience

RR Donnelley

Programmer/Project Manager Intern Logan, Utah

Oct 2011 - Feb 2012

- Interfaced regularly with clients and sales reps through email, telephone, and face-to-face communication
- Programmed using in-house software and trained new interns on use of software
- Learned to effectively manage time and balance multiple projects in a fast-paced environment

Master Control

Salt Lake City, Utah

May 2011 – Aug 2011

Software Engineer Intern

- Worked in a team of five interns to design, install, test, and debug new software system
- Helped implement a new architecture into an existing program
- Performed a feasibility analysis to identify several software options for in-house use and made recommendation to supervisor

Work Experience

Computer Science Tutor

Bountiful, Utah

Jan 2012 – Present

- Help beginning-level computer science majors learn to debug code
- Teach basic computer programming logic to new students

Volunteer Experience

Religious Missionary Service

Quetzaltenango, Guatemala

July 2008 - July 2010

- Developed strong work ethic by working 12 hours a day toward specific goals
- Gained critical thinking in helping solve difficult life problems
- Attained written and verbal fluency in Spanish; refined public speaking skills

Willing to Relocate

Matt Ortega

My address
City, State, Zip

Phone
Email

Mechanical Engineering Internship with Williams Company

EDUCATION

BS Degree - Mechanical Engineering, Minor in Math
Utah State University, Logan, UT

May 2012

- Maintained a 3.1 GPA while working part-time to finance education

RELATED WORK EXPERIENCE

CNC Mill Operator, 3rd Gen. Machine, Logan, UT

August 2007 – January 2008

- Cut aluminum to be loaded into CNC Mill
- Operated multiple three-axis CNC Mills producing aluminum cams for compound bows
- Inspected parts to ensure correct dimensions

TECHNICAL SKILLS

- Computer: FEMAP, Star CCM+, Fortran, Solid Edge, Matlab, Microsoft Office, Mathcad
- Key Courses: Mechanics of Composite Materials, Finite Element Analysis, Computational Fluid Dynamics, Compressible Fluid Flow, Mechanical Vibrations, Heat & Mass Transfer, Technical Communications

DESIGN PROJECTS

Drain Grate (Finite Element Analysis)

- Optimized mass using Automatic Dynamic Incremental Nonlinear Analysis (ADINA) program in FEMAP
- Designed to pass American Association of State Highway and Transportation Officials (AASHTO) structural integrity test

Shell and Tube Heat Exchanger

- Created design to cool a super computer; optimized design by taking into account pressure drop, water supply, and fouling

Climbing Device, Air Force Research Laboratory National Competition

- Worked on team of 14 students to design and build a climbing device for national competition; team placed first in the nation
- Designed a projectile containing glue and a mesh pad that would act as a wall anchor
- Built battery-powered ascenders using multiple tools in a machine shop

SERVICE AND LEADERSHIP

- Trained new river guides in river safety and etiquette 2011-2012
- Spanish-speaking service volunteer, San Diego, CA 2005-2007

WORK HISTORY

- Assistant Cross Country Coach – Weber High School August – October 2012
- Whitewater Guide – Teton Whitewater LLC, Jackson, WY Summer 2008-2012
- Package Handler– Fed-Ex, Logan, UT January 2008 – May 2008
- CNC Mill Operator– 3rd Gen. Machine, Logan, UT August 2007 – January 2008
- Window Cleaner– Valley Window Washing, Logan, UT Summer 2007
- House Framers – Vord-Meyer Construction, Ogden, UT Summers 2004-2010
- Landscaper – Bermuda Golf Course, Farr West, UT Summer 2003
- Farm Worker – Stratford Farms, West Haven, UT 2000-2004

DAVID BRADFORD

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Park City, UT 84651

CIVIL ENGINEERING INTERN

Education:

B.S. Degree, Civil Engineering
Utah State University, Logan, UT

May 2013
GPA: 3.42

Related Experience & Skills:

Civil/Environmental Engineering

- USU Design **Team Leader** for Water Environment Association of Utah student competition. Examined nutrient concerns at Logan, Utah, wastewater facility, designed solutions, presented findings, and placed 2nd nationally at WEFTEC, 2009-2011
- Senior Design Project: Evaluated feasibility of renovating **hydropower facility** at Porcupine Reservoir in Cache County, Utah, 2011-2012
- Designed and presented **water catchment/treatment system** for rural Tanzania; team placed 3rd at the ASCE Rocky Mountain Region Student Conference, 2011
- Designed a straw bale structure including site analysis, design, materials acquisition, and construction, as part of an interdisciplinary team, 2010
- Experienced in EPANET, HEC-HMS, SIRMOLD, AutoCAD, MATLAB, and Microsoft Office

Leadership & Communication

- **Led engineering council** of 20 members and oversaw activities of 18 student clubs and organizations as an elected student government representative, 2011-2012
- Serve on university student government board of 10 elected leaders to review and pass student legislative initiatives, 2011-2012
- **Coordinate** efforts of students and faculty to hold Engineering Community Expo and other National Engineering Week activities at USU, 2010-2012
- **Managed groups** of 5-30 volunteers by planning service projects, providing training, and keeping detailed records, 2007-2009

Teaching & Organizational

- Refined **communication skills** by providing violin instruction in both one-on-one and group settings of up to 10 students, 2004-present
- **Managed** scheduling, finances, and advertising involved in acquiring violin students
- **Presented** to large and small groups as a volunteer in the Pacific Northwest, 2007-2009

Accomplishments & Activities:

- Significant **international travel** and interaction as Cultural Ambassador with International Festival Music Ensemble, 2005-present
- Club Coordinator (2010-2011) & Publicity Committee (2009-2010), Engineering Student Council
- USU Presidential Scholar, 2006-2012
- Member, ASCE-USU Student Chapter, 2010-2012
- Eagle Scout, 2006

Lynette Stringham

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Electrical Engineering Position

Education

Bachelor of Science, Electrical Engineering
Utah State University (USU), Logan, UT

May 2014
GPA: 3.66

Engineering Experience

Electrical Engineering Internship, *Freeport-McMoRan Copper & Gold*, El Paso, TX Summer 2013

- Updated outdated HMIs to help save company money (RSView32 to FactoryTalk)
- Worked with team to repair and update machinery at the Refinery
- Established communication between PLC and wireless radio

Undergraduate Researcher, *Dr. Todd Moon, Utah State University*, Logan, UT Summer 2012

- Studied error detection and low-density parity check (LDPC) decoder utilizing Galois field
- Designed and programmed personal LDPC decoder

Undergraduate Research Experience, *University of South Carolina*, Columbia, SC Summer 2004

- Studied importance of internet and coding security systems
- Presented findings to faculty and PhD leader

Senior Design, *Catch the Robot, USU* 2013-2014

- Built a robot that used sensors to chase a person while avoiding objects within a user defined area

Technical Skills

Computer: Microsoft Suite (Excel, PowerPoint), Matlab, C++, PSpice, Linux, Verilog, HTML, Java, Assembly

Key Courses: Digital Circuits, Signals and Systems, Electrical Energy, Control Systems, DSP, Mobile Robots, Spacecraft Systems

Communication/ Interpersonal Skills

- Organized twice monthly events for SWE members to build relationships and increase recruitment
- Chaired the Student Affairs committee for SWE with four officers and three general members
- Led various study groups of 3 to 26 people
- Planned, organized, and executed activities for USU engineering with attendance of 10 to 100 students
- Interacted with parents, teachers, and administrators to ensure successful student outcomes
- Prepared and taught mathematical concepts to over 100 students

Leadership Experience & Involvement

Society Women Engineers, *USU*, Historian (2013-present), VP Student Activities (2012-2013)

IEEE, *USU*, Treasurer (2012)

Engineering Council, *USU*, Member (2011-2013), VP of Student Clubs (2013-present)

Tau Beta Pi, *USU*, Cataloger (2012-2013), VP (2013-present)

Work History

Engineering and Math Lab Tutor (2013-present, 2012-2013), *USU*, Logan, UT

Library Assistant I, *Beaufort County Public Library*, Beaufort, SC (2008-2011)

Eighth Grade Math and Science and Ninth Grade Substitute Teacher, *SC Public Schools* (2005-2006)

Service Volunteer, *Indianapolis, Indiana* (2006-2008)

Willing to Relocate