

**ANGELA SMITH**

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**OBJECTIVE**

Seeking a Cooperative Education position in software engineering utilizing skills in database management skills, system design, and application programming

**EDUCATION**

**University of Connecticut**

*Bachelor of Science in Engineering*

Major: Computer Science and Engineering

GPA: #.##/4.00

Storrs, CT

May 20XX

**TECHNICAL SKILLS**

*Application Programming:* C#, VB.NET, Visual Basic, C, C++, JAVA, MatLab, Assembly Language

*Web Programming:* ASP, .NET, PHP, HTML, XHTML, DHTML, JavaScript, CSS, XML, AJAX, SQL

*Databases:* MySQL, Interbase, Firebird, Microsoft Access, Microsoft Excel

*Operating Systems:* Windows: Vista, XP, 2003, 2000; Linux: Red Hat, Fedora, Ubuntu

**DESIGN PROJECT**

**School of Engineering, University of Connecticut**

*Computer Science and Engineering Design Project*

Storrs, CT

August 20XX-Present

- Created a fully autonomous vehicle that could traverse a course based on a set of GPS coordinates
- Used infrared sensors to detect obstacles and avoid other vehicles
- Vehicle design was selected by panel of professors for entry in 2015 Association for Computing Machinery (ACM) annual robotics competition

**RESEARCH EXPERIENCE**

**Summer Undergraduate Research Fund (SURF) Award, University of Connecticut**

*Grant Recipient*

Storrs, CT

May 20XX-Present

- Brainstormed a research proposal and was awarded a \$4,000 grant to fund a four-month project through the UConn Office of Undergraduate Research
- Analyze and research online tracking of various UConn webpages utilizing technological skills in order to increase the accuracy and efficiency of data collection for over 1,000 websites associated with the university

**RELEVANT EXPERIENCE**

**Hamilton Sundstrand**

*Computer Systems Co-op Participant*

Windsor Locks, CT

January 20XX-August 20XX

- Provided technical support for database and web products while supporting entire enterprise
- Designed navigation systems using PHP and SQL for users of various websites
- Installed and continued to support Linux-based firewall, domain name server, and mail server

**Tallan, Inc.**

*Software Development Intern*

New York, NY

May 20XX-August 20XX

- Collaborated with team of five developers to build application for national retail vendor using VB.NET
- Created file repository and web application access for vendor patches and updates
- Developed product-oriented applications in a variety of technological environments

**ACTIVITIES/HONORS**

Eta Kappa Nu (electrical/computer engineering honor society)

Upsilon Pi Epsilon (computer science honor society)

Association for Computing Machinery (ACM)

October 20XX-Present

September 20XX-Present

September 20XX-Present

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## **ROBERT K. O'BRIEN**

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### **OBJECTIVE**

Seeking an entry-level mechanical engineering position with growth opportunities to exercise and challenge skills in design, analysis, and application of complex engineering solutions

### **EDUCATION**

**University of Connecticut**, Storrs, CT

*Bachelor of Science in Engineering*, Mechanical Engineering, May 20XX

Major: Mechanical Engineering; GPA: #.#/4.0

### **ENGINEERING PROJECT EXPERIENCE**

**Pratt & Whitney**, East Hartford and Storrs, CT

*Senior Capstone Design Project: Turbine Guide Vane Damping System*, August 20XX – May 20XX

- Conducted literature review on potential damping solutions for jet engine turbine guide vanes
- Completed design and instrumentation of testing rig and procedures for new damping system
- Performed damper testing and analysis of resulting data with Matlab to determine damping improvement

**UConn School of Engineering**, Storrs, CT

*Dynamics of Particles and Rigid Bodies Project*, Spring 20XX

- Simultaneously simulated both planetary and lunar orbital motion using Matlab and numerical methodologies

*Electrical Circuits Design Project*, Fall 20XX

- Designed, built, and tested a 4-band audio equalizer within given specifications and parameters

*CAD Modeling and Graphing Final Project*, Spring 20XX

- Designed and assemble a parameterized model of a watch using Unigraphics Nx

### **EMPLOYMENT EXPERIENCE**

**Baumann Propane**, Wallingford, CT

*Crew Chief*, Summers 20XX – 20XX

Supervised work crews in the following tasks:

- Pressure washed, removed rust, and applied protective enamel coating to reusable liquid propane gas canisters
- Oversaw and organized efficient schedule for the work crew of 1-3 team members daily

**Creative Special Events Management**, Cheshire, CT

*Event Specialist*, Summers/Weekends 20XX – 20XX

- Unloaded and set up event features such as tents, chairs, tables, and dance floors
- Guided guests and oversaw activities; Worked part-time to help fund educational expenses

### **ACTIVITIES**

**Wallingford Hockey Club**, Member, Wallingford, CT, November 20XX – Present

**Alpha Lambda Delta Honor Society**, University of Connecticut, Storrs, CT, December 20XX – May 20XX

**Longboard Club**, University of Connecticut, Storrs, CT, September 20XX – May 20XX

**Intramural Hockey and Soccer**, University of Connecticut, Storrs, CT, September 20XX – May 20XX

### **COMPUTER SKILLS**

*CAD*: Unigraphics Nx, AutoCAD, Google SketchUp; *Analysis*: Matlab, Ansys, LabVIEW

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