

STEPHEN BACHHUBER

EDUCATION

Purdue University

- Bachelors of Science in Aeronautical Engineering
- Minor in Product Lifecycle Management

West Lafayette, IN
8/2009–5/2013

University of Houston

- Masters of Science in Computer Science

Houston, TX
8/2015–Current

TECHNICAL EXPERIENCE

- Experience building, maintaining, configuring and installing computer hardware
- Experience hosting and maintaining 11 Linux servers, six Windows servers, and 30 desktops
- Capable of managing virtual machines on a multitude of systems (VMware, VirtualBox, Hyper-V, KVM)

PROFESSIONAL INDUSTRY EXPERIENCE

Borders, Trade, and Immigration Institute

Systems Administrator

Houston, TX
10/2015–Current

- Setup a primary Hyper-V node and utilized it to host the various servers needed by the center
- Installed and maintain redundant Active Directory servers
- Configured Linux webservers and a Windows File server, linking all logins to Active Directory

Computational Biomedicine Lab

Systems Administrator

Houston, TX
8/2015–Current

- Maintain server infrastructure consisting of various Windows and Linux servers
- Perform day to day computer help and maintenance for 30 people
- Add computers as needed for new members with Linux, Windows or both

Butler America

Airframe Design Engineer

West Lafayette, IN
5/2013–8/2015

- Converted over 150 hand drafted designs to 3D engineering models for sheet metal and composite parts
- Reviewed, approved, and authored engineering changes on CAD and hand drafted drawings
- Current work in production on the Blackhawk, Navalhawk, Seahawk, Knighthawk, Rescuehawk, and Jayhawk

Mayville Engineering Company

Process Engineer

Mayville, WI
5/2012–8/2012

- Found \$900,000 in annual savings by increasing manufacturing efficiency
- Conducted time studies and organized meetings to implement new processes to acquire savings

Mayville Engineering Company

Process Engineer

Mayville, WI
5/2011–8/2011

- Found \$170,000 in annual savings through the analysis of over 2,500 part schematics
- Acquired these savings by authoring engineering changes

PERSONAL EXPERIENCE

Purdue Dtella

Network Administrator

West Lafayette, IN
6/2013–Current

- Develop and maintain four IRC bots used by over 100 unique visitors daily
- Host and support virtualized Unix servers for use by the network
- Moderate channel activity to provide user support and prevent channel abuse

DHS BORDERS UAV Design Competition

Aeronautical Engineer

West Lafayette, IN
8/2012–5/2013

- Won \$30,000 in government grants from the Department of Homeland Security to develop and prototype a diesel electric hybrid UAV system
- Led a team of engineering students to develop a UAV with a modular fuselage design, allowing design flexibility and modification of the physical device on the fly as necessary for missions