

Josh Allen Bosley
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github.com/joshbosley

Education

Lake Superior State University

B.S Computer Science (Expected graduation 2018)

Present

Lake Superior State University

A.S Computer Science

2016

Work History

Help Desk Administrator

July 2015 – Present

Lake Superior State University – Information Technology

Manager of Information Technology Help Desk Technicians

In-House application developer (MySQL, PHP, QT C++)

Linux server administration duties (Red Hat, CentOS, Ubuntu, Windows 2k8)

Technical Support Specialist

May 2013 – July 2015

Lake Superior State University – Information Technology

Computer standardization, setup, and deployment

Provided training on classroom technology for faculty

Languages

Proficient Python, C++

Familiar PHP, Java, C#, JavaScript, C, ARM Assembly

Accomplishments

Automated Drone Control System (C++, OpenCV, MS Visual Studio)

Researched and implemented a novel method to autonomously control aerial vehicles using a single vehicle-mounted camera and an active deformable model. This system was developed as a research project under Dr. Christopher Smith at Lake Superior State University.

Emulated Assembly Language System (C++)

As a personal project I undertook the task of emulating a RISC architecture. The endeavor became known as “B-Lang.” This project is written in C++ and can be found on my github.

[github.com/joshbosley/BL]

References

John Breitzman, Sr. Software Engineer at IQS Inc

jbreizman@gmail.com

Scott Olson, Director of Information Technology at Lake Superior State University

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Stefan Hurthibise, Presentation and Classroom Specialist, Michigan Technological University

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