ELLIOT J. BERMAN

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OBJECTIVE

Computer science student with 5 years of programming experience seeking an internship

EDUCATION

Purdue University, West Lafayette, IN   December 2018
Bachelor of Science in Computer Science with Honors   Overall GPA: 3.92
Bachelor of Science in Applied Statistics

PROJECTS

VEX Team Network   Work in Progress
github.com/vexteamnet
- Sole developer of application for accessing, managing, and storing statistics about VEX Robotics Competition
- Worked with ASP.NET/C#, SQL, HTML, CSS

VEX Robotics Competition Robot Software for Olympic Steel Eagles   August 2014 – May 2015
github.com/edjubuh/ose
- Lead programmer for robot in VEX Robotics Competition emphasizing mutexes, tasks, and PID control
- Worked with C and the Purdue Robotics Operating System

LEADERSHIP AND ORGANIZATIONS

Purdue Lunabotics   August 2015 – Present
Autonomy Group Lead
- Directed work for team responsible for autonomous functions of rover competing in NASA's Robotic Mining Competition
- Utilized LiDAR and image processing to localize location and detect objects on field

Purdue Association for Computing Machinery SIGBOTS   August 2015 – Present
PROS Developer
- Upgraded Purdue Robotics Operating System Eclipse plugin set
- Created cross-platform command line interface for creating and upgrading PROS C projects

Zionsville Robotics Club   August 2010 – May 2015
Officer and Co-President
- Mentored students in building and programming their robots
- Served as student-leader in organizing and administrating competitions run by the club

Boy Scout Troop 358   December 2007 – May 2015
Troop Guide, Troop Webmaster, and Eagle Scout

SKILLS: C# in WPF and ASP.NET, C, Git, Java, SQL, HTML, CSS, project management