

Chris Blackburn

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OBJECTIVE

- Pursuing opportunities in software/hardware development, embedded systems, low-level programming, and real-time systems.

EDUCATION

- Currently Attending Virginia Tech College of Engineering Class of 2020, GPA: 3.59
- Majoring in Computer Engineering while pursuing a Minor in Cyber Security, Math, and Computer Science. Planning to get a Masters in Computer Engineering through Virginia Tech's accelerated graduate program.
- Graduated from Patrick Henry High School (2016)

EXPERIENCE

- **Software Engineering Intern at Lockheed Martin:** I worked on developing web-based GIS. I practiced methods of *agile* development with my team via *scrum*. (2018)
- **Galipatia Mentor Liaison:** As a part of the Galipatia Leadership Team, I lead a group of mentors who mentor incoming freshman. (2018)
- **Internship at Worth Higgins and Assoc.:** Worked in IT and developed a web content management system for the company's die cutters (2017)
- **Linux Install Fest:** Helped students and others at Virginia Tech install Linux distributions of their choice on their machines for class or personal use (2017)
- **Captain of PHHS Robotics Team 3136 through FIRST Robotics Competition (FRC):** Led the team's electrical and programming staff and contributed to the internal functions of the Robot as well acted as the driver on the drive team for first three years of high school, then became overall captain during senior year. (2012 – 2016)
- **Stock Supervisor at Capel Rugs:** Oversaw the stock employees and directed shipments, customer service, and stock affiliated tasks i.e. moving and organizing rugs (2015)

HONORS, AWARDS, AND MEMBERSHIPS

- Galileo Engineering Community at Virginia Tech (currently a mentor liaison) (2016 – 2018)
- Virginia Tech Students for the Exploration and Development of Space (VTSEDS) (2016 – 2017)
- Virginia Tech Cyber Security Club (2016 – 2017)
- Awarded a medal for highest honor in Science at graduation from high school (2016)
- Captain of FRC Robotics team at Patrick Henry Team 3136 (2012 – 2016)
- 1st place (twice) along with team "Blue Bacon Foo" at Ghost Red CTF cyber security competition held by GE and MSIC (2015 – 2016)
- Autodesk and Certiport: AutoCAD Certification (2015)

SKILLS

- **Programming:** Proficient with JavaScript, AngularJS (w/ Jasmine), jQuery, C++, experience with Verilog, PHP, MySQL, HTML, CSS, Java, MatLab, python, bash, LabView
- **Documentation Languages:** Markdown, LaTeX, RegEx
- **Software:** Linux, git, Quartus, LTSpice, Samba, Apache, MySQL Server, AutoCAD, Inventor, LabView, Eclipse, Microsoft Excel, Microsoft Word, Microsoft PowerPoint, Mac OS
- **Capable of Handy Work:** Soldering, power tools, wood/metal work
- **Circuits:** Core design and analysis principles (Resistors, Capacitors, Inductors, OpAmps, 555 Timers, Schmitt Triggers, Nodal Analysis, Phasors, etc.)