

Bradley L. Davis

23819 SE 186th St • Maple Valley, WA 98038
(206) 484-7570 • bradley.l.davis@wsu.edu

Education	Washington State University – Honors College, Pullman, WA	
	Electrical Engineering Major, Expected Graduation May 2021 GPA: 3.82 out of 4.0	
	Tahoma Senior High School, Covington, WA	Graduated with Honors
Work Experience	Smith Gardens	2017
	Retail Merchandiser	
	<ul style="list-style-type: none">• Verified, sorted, and consolidated daily deliveries with existing inventory to maximize aesthetic appeal of merchandise to meet sales goals• Served as liaison between management on product requests, sales numbers, and problem solving	
	Tahoma Robotics Summer Camp	2015 – 2017
	Lead Technical Counselor (2015 – 2017)	
	<ul style="list-style-type: none">• Aided campers with designing, building, wiring, and programming of VEX robots• Formulated unique games for each year including programming a real-time scoring software with integration into professional audio / visual live streaming equipment	
Activities	Cougs in Space – WSU Satellite Club	2017 – Present
	Chief Technical Officer and Head of Printed Circuit Board Development	
	<ul style="list-style-type: none">• Advise and manage all projects related to the satellite’s development• Created circuit design and layout for 2 unique surface-mount technology space-grade boards• Established standard for satellite modules utilizing a common backplane bus	
	Tahoma Robotics Club – Bear Metal, FRC 2046	2012 – 2017
	Design Lead (2014 – 2017) – Assistant Design Lead (2013 – 2014)	
	<ul style="list-style-type: none">• Designed and created CAD for 90% of robot that won Autodesk Robot CAD Competition at PNW District Championship in 2015, 2016, and 2017• Led design team to win General Motors Industrial Design Award in 2015, 2016, and 2017• Taught advanced Autodesk Inventor classes at a local robotics workshop, 15 FRC teams in attendance• Organized 40 designers, fabricators, assemblers, electricians, and programmers to consistently create a successful robot; placing 5th out of 5,000 teams worldwide in 2017	
	Tahoma Orienteering Club	2010 – 2017
	Captain (2010 – 2017) – Varsity (2013 – 2017)	
	<ul style="list-style-type: none">• Co-founded team, ranging between 12-15 members, who compete in the Washington Interscholastic Orienteering League (WIOL)• Taught precision navigation skills, allowing team to consistently place in top 3 at meets; Varsity won 1st at WIOL Championship in 2016 and 2017 and 2nd in 2015	
	Tahoma Band	2010 – 2017
	Instruments: Tuba, Contrabass Bugle, and Sousaphone	
	<ul style="list-style-type: none">• Designed, fabricated, and programmed a remote-control synchronized LED lighting system used within the throat of the 5 field show tubas in 2015	
	Independent Studies / Projects	
	<ul style="list-style-type: none">• Autonomous Navigation for Flying Robots – edX course: Technische Universität München• Circuit design and layout for 5 unique surface-mount technology boards (SMT PCB)• Amateur Radio (HAM) Technician – W7ZZT	

Skill Highlights	<u>Excellent</u>	<u>Skilled</u>	<u>Familiar</u>
	Autodesk Inventor	Mastercam	Unity/C#
	Autodesk EAGLE	Java	JavaScript
	Microsoft Publisher	C/C++	HTML
	Microsoft Excel	Autodesk 3ds Max	CSS
	Microsoft Word	GIMP	Davinci Resolve