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| **Dexter Carpenter**  1618 SE Rex Street, Portland OR 97202  503-964-9532 | dextercarpenter1@gmail.com | github.com/DexterCarpenter | |
| **Objective** | |
| I am eager to learn and enjoy working in a professional environment. As a result of my leadership experience with my robotics team, I have good project management and communication skills. I have taught myself a great deal about CAD to an intermediate level. I have experience teaching and mentoring peers and believe in the importance of passing along experience. This includes other team members on my robotics team, a female Explorer Scout troop, various FIRST LEGO teams, as well as the general public. | |
| **Education** | |
| **Cleveland High School, Portland OR**  Expected Graduation Date: June 2019   * GPA: **3.725** (Unweighted), **4.059** (Weighted) * Notable Coursework:   + IB Physics HL, 2 years   + IB Biology HL, 2 years   + IB Computer Science, 4 years   + Math, 4 years * Honors and Awards   + Recipient of IB Thinker Award - 2015/2016 School Year   + Recipient of Engineering Inspiration Award - 2018 FRC Competition Season   **Portland Community College, Sylvania Campus, Portland OR**   * GPA: **4.000** * Notable Coursework:   + Calculus 251, Summer 2018   + Project Machine Technology, Summer 2017 * Planning on taking Calculus 252 this summer | |
| **Skills** | |
| |  |  |  |  | | --- | --- | --- | --- | | * Project Management | * Team Leadership | * Python | * Arduino | | * Communication | * Mentoring | * GameMaker | * Raspberry Pi | | * CAD | * Critical Thinking | * Unity |  | | |
| **Industry Experience & Job History** | |
| **Robotics Leadership Positions**, FRC Team 2733, 2016-2019   * Team Co-Captain, 2019 Season   + Managed whole team, awareness of progress of goals * Manufacturing Captain, 2018 Season   + Focused on keeping manufacturing department on track * Build Lead, 2017 Season   + Manufactured large portions of robot, helped manufacturing captain manage their department   **Outreach Educator**, Spokesman for Robotics Team   * Educated public about my team, STEM, FIRST, and my experience with it   + Portland Engineering Week, 2017, 2018 and 2019   + Autodesk Portland, 2018   + AWS Elemental, 2018   + DW Fritz *Bring your Problem to Work Day*, 2018   + Portland Maker Faire, 2017, 2018   + Mentored female scouts in the BSA Explorers program in STEM, 2017, 2018   + Hillsboro Air Show, 2017 * FIRST LEGO League Mentoring, 2019 season   + Led two middle school teams in strategy, analysis, project   + *Tournament Director* for practice FLL tournament, December 2018   **Machine Shop Class**, Portland Community College, Summer 2017   * Learned how to operate CNC Mill, Lathe, Mill, Drill Press, 3D Printers, Basic CAD and CAM   **Biomechanica Internship**, BioMechanica LLC, Summer 2017   * Asked to create a way to interface a treadmill to a computer as a summer internship * Wrote software for a Raspberry Pi | |
| **Additional Experience** |
| **Xico**, Mexican restaurant, Portland   * Busser: June 2018 - September 2018 * Part-time dishwasher: February 2016 - June 2016   **Pinolo Gelato**, Gelateria, Portland  Gelato server and barista, June 2017 - December 2017 |
| **References** | |
| Cindi Carrel, Robotics Coach, ccarrel@gmail.com  Rafael Bobenrieth, IB Physics Teacher, Cleveland High School, rbobenri@pps.net  Martyn Shorten, Owner of BioMechanica, Martyn.Shorten@biomechanica.com  Liz Davis, Owner of Xico, liz@xicopdx.com | |