Software Engineer Software Engineer Software Engineer Walnut Creek, CA Work Experience Software Engineer Fresenius Medical Care - Concord, CA 2016 to 2019 Led software feasibility activities for a new medical device and released new features for existing products. Responsible for all aspects of the software development life cycle (design, dev, test, and docs) under IEC 62304. Wrote embedded SWin C&C++, utility SW in C# & Python, and user interface SW in lua. Software Developer Seagate Technology - Longmont, CO 2014 to 2016 Developed Seagate's distributed hardware test software using Python, C++, and Java. Responsible for supporting the new features of SSD products in Seagate's hardware test software. Software Intern Honeywell Technology Solutions - Colorado Springs, CO June 2012 to August 2012 Developed a control/data visualization display for satellite communication equipment using Honeywell Experion software and visual basic. Education B.S. in Electrical Engineering Colorado School of Mines - Golden, CO 2010 to 2014 Skills Algorithm, C#, C++, Django, Git, Html, Javascript, Python, Ruby, Wpf, Java, Lua, Perforce, Data analysis, Sql, Data structures, Jira, Linux, Data acquisition, Css Links http://www.linkedin.com/in/ethan-zimbra Additional Information SKILLS Languages Knowledgeable in Python, C, and C++. Familiar with C#, Ruby, JavaScript, HTML, CSS, Java, Lua, and LabVIEW. Technologies & Tools Django, wxPython, pySerial, setuptools, relational databases (SQL), WPF (C#), cunit, QNX, VirtualBox, and bootstrap4. Git, Perforce, keil, Linux, and Atlassian tools (Jira, Source Tree, Bitbucket, and Fisheye).   Bonus Excellent written and verbal communication, test development, algorithm development (controls, fluid dynamics, detection), EE background, medical device development, data structures, data acquisition, data analysis, and technical writing. ABOUT I offer a robust SW engineering background with proven success across multiple industries. I believe in the strength of teams and the power of clear communication. I value innovation and strive to solve problems that matter today. WHAT I AM LOOKING FOR A company with a positive attitude that believes in its employees. Where decisions are made for the future and not just the present. A company culture that values results and hard work, but not working 24/7. CONTACT PHONE: 719-487-5801   EMAIL: ethan.zimbra@gmail.com   LINKEDIN: www.linkedin.com/in/ethan-zimbra   ADDRESS: 1681 Alvarado Ave Apt 18   Walnut Creek, CA

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