Christian Benton

Assignment 2 Resume and Cover Letter

Microsoft

9-15-2023

COVER MEMO:

THIS COVER LETTER AND RESUME IS FOR APPLYING FOR A SENIOR SOFTWARE ENGINEER USING RUST AT MICROSOFT. WHILE I UNDERSTAND YOU SAID CHOOSE ENTRY LEVEL JOBS. I ALREADY HAVE A STRONG BACKGROUND IN THE RUST LANGUAGE ITSELF (AS A MATTER OF FACT I HAVE HELPED WORK ON THE LANGUAGE ITSELF WHICH IS WHAT MY ORIGINAL MOCK EMAIL PITCH WAS INSPIRED BY) AS WELL AS I AM ALREADY RECEIVING JOB OFFERS FOR POSITIONS AT A SENIOR LEVEL. ONE OF THEM BEING MICROSOFT THEMSELVES, THEY KNOW ME WELL AND HAVE TALKED TO ME NUMEROUS TIMES ABOUT TAKING ON A SENIOR ROLE WORKING ON POWERSHELL AND HAVE EXTENDED THE OFFER EACH TIME. AT THIS JOB I WOULD BE WORKING ON THE WINDOWS OPERATING SYSTEM DIRECTLY AND PREDOMINATLY WORKING ON THE INNER WORKINGS SUCH AS THEIR SHELL (WINDOWS CMD AND POWERSHELL) AS WELL AS CORE FUNCTIONALITY (NOT SO MUCH GUI, MORE OF THE INNER WORKINGS OF WINDOWS)

DEAR MRS. SILVER AND MR. DAVAAN,

I will be graduating this year and have decided I wish to proceed with taking that Software Engineering Rust/C# Job that we have discussed about. I have learned a lot since our last discussion, and should you look at my updated repositories on GitHub and GitLab I believe my work shows.

Since then, I’ve taken two courses in Compilers and an extra assembly class which focused the x86 and ARM architectures which I believe will aid tremendously in my ability to write low level applications such as PowerShell and managing the Windows OS and Kernel. I have also made major contributions to open-source projects such as continuing to work with the Cargo group over at Rust-Lang, DS4Windows, and have aided in the development of Asahi Linux. I have also made numerous contributions of my own by developing numerous open-source projects for day-to-day uses such Shelfish (Crab and Lobster), RandomDB, and Hermit Partition Manager (Which has since been merged with Shelfish but still downloadable on its own) which you can see on my websites listed in my Resume.

I believe I am ready and appreciate you waiting until my graduation. I know that I could bring the next phase of Microsoft’s future with my hire. I look forward to our next zoom meeting and cannot wait to get to work.

Sincerely,

Christian Benton

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| Christian benton  |  | | --- | |  | | kwunches@pm.me | |  | | 412-606-4704 | | website | | Mockgit.github.commockgit.gitlab.com | |  | | software engineersystems engineer | | Skills Mastery In  Assembly (MIPS, ARM, x86)  High Level Languages  Rust, C, C#  Java, Ruby, Python  COBOL, Swift, Go, MATLAB  Database Languages  SQL, PostgreSQL, MongoDB | |  | |  | | --- | | ExperienceCargo-Rust engineer/rust-langMarch 12, 2021 - Present Creating, designing, and implementing new features for  Cargo. Would also work directly on Rust Compiler.  Remote without set hours. PentesterNovember 15, 2018 - Present Worked with a small team of 4 others. Were tasked with “thinking like a hacker”. Was the exploit development specialist, who was tasked with  writing the scripts used to execute the “hacks” | | EducationB.S MathematicsUniversity of Pittsburgh Calculus 1-3, Discrete Math (Through Math Dept), Cryptography (Through Math Dept)  Linear Algebra  **B.S COMPUTER SCIENCE**  University of Pittsburgh  Compilers, Operating Systems, Assembly  Computer Architectures, Networking and Networking Security  Discrete Math (Through Comp Sci Dept)  Applied Cryptography (Comp Sci Dept)  Database Management  Software Engineering and Software QA | |  | |