Zachary R. Slade

Langenburger Straße 51, 70435 Stuttgart • Cell: +49 172 189 3085• zack.slade@gmail.com
Linked-In: ZacharySlade1 • Xing: Zachary_Slade

A dedicated software engineer who takes pride in his work and finds joy in helping others. An optimistic team-player who is not afraid to tackle difficult problems and get the job done.

Bosch Engineering Group (BEG), Abstatt, DE
November 2017 - Present

Automation Engineer – Active Safety
May 2022 - Present
- Complete project ownership from design to coding of a low-cost HIL for automated testing of active safety software
- Coordinate with leadership to plan and prioritize DevOps activities with consideration for available resources and time
- Manage students and coordinate with an international team to meet timing goals for various automation initiatives

Software Project Component Manager – Chassis Systems
November 2017 – May 2022
- Software Project Component Manager for the largest, most profitable radar project and team at BEG *(2019 – 2022)*
- Primary customer contact for technical analysis and change requests to the MLBevo2 project code base
- Perform detailed project planning, requirements analysis, technical implementation, testing strategy, and numerous supporting tasks across multiple parts of the code base for an international, diverse team of engineers
- Primary technical trainer for onboarding of new ACC Function Developers in the MLBevo2 project

White Tie Games LLC, Bloomfield, MI; Akron, OH
August 2015 – June 2017

Co-Founder
- Design, build and manage an online marketplace selling PC videogames using an affiliate program with online personalities
- Full-Stack web development using the Laravel MVC Framework incl. SQL database design, PHP, HTML, CSS, and Javascript
- Developed website design skills, UX, art asset development, IT, and Amazon Web Services (AWS) including EC2 servers and S3
- Account management and team management for building art assets and managing affiliate accounts

Bosch Engineering Group (BEG), Farmington Hills, MI; Abstatt, DE
January 2014 – January 2017

Engineering Chassis (ECD) Software Engineer
- Acted as Complete Software Project Responsible (CSWPR) and oversaw the timely release of multiple projects yearly
- Led small teams and coordinated with other software groups to ensure successful project releases
- Acted as Diagnostic Communication and Diagnostic Software Responsible for all departmental programs
- Reduced Gen8 Category 5 delta software release time by over 50%
- Chosen as the lead trainer for more new hires and interns than any coworker in ECD during my tenure

Robert Bosch LLC, Farmington Hills, MI; Anderson, SC; Abstatt, DE
February 2012 – January 2014

Professional Development Trainee (PDT)

Rotation 1: Complete Software Project Responsible
- Successfully developed and released baseline software as the CSWPR for the Polaris Slingshot
- Independently developed a hotkey synchronization batch file tool for Total Commander
- Since 2012, this tool has expanded to other departments due to its convenience and realized time savings
- Produced safety critical automotive software in a large group under strict time constraints

Rotation 2: Manufacturing Execution Systems Engineer (MES Engineer)
- Built SQL databases, data acquisition programs and HTML webpages for the Planar Sensor Element (PSE)
- Reduced failed move ticket transaction time for the PSE by 39%
- Worked closely with manufacturing line employees and other MES Engineers to design robust, intuitive GUIs

Rotation 3: Automotive Radar Systems Software Developer
- Developed radar software for the Porsche Cajun, Porsche E2 II, and VW PQx
- Fully automated a C and a C++ code quality analysis procedure for radar systems
- Dramatically reduced endurance test sorting procedure from an overnight process to under 2 hours

Rotation 4: Automotive Engineering Sales Associate
- Created websites, advertisements, and images for Bosch central and head up displays
- Accurately predicted Model Year 2014 Silverado base trim radio take rate within 0.5%
- Led a project to create a fully traceable, streamlined flash and deliver process for development central displays

---

EDUCATION

Valparaiso University, Valparaiso, Indiana. GPA: 3.53/4.00, 1360 GRE
B.S. Computer Engineering – December 2011
Math Minor; *Chinese* Minor

SKILLS
- English (fluent), German (B1)
- Experience with Jenkins, the Vector toolset, LabCar, TI Launchpad and Microchip PIC uC's, MVC website architectures and the AWS toolset; including EC2 and S3
- Experience with J1939, UDS, Assembly, Batch files, C, C++, C#, CSS, GIMP, Git, Groovy, HTML, Java, JavaScript, LabVIEW, Matlab, Mentor Graphics, PTC, Perl, PHP, PSPICE, Python, SAS, SQL, SVN, and Visual Basic