CHRISTOPHER D SEBESTA

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Experience

12/15 – Present   **Android Development, Self Employed**   **New York, NY**

- Android app ideation and development
- Full-stack development for the android platform
- Development in Java, XML, and SQLite
- Code management in Git
- Google Play Services
- Interfacing applications with APIs
- JSON parsing and data extraction

06/15 – 12/15   **Product Engineer, OXO**   **New York, NY**

- Guided electrical side of product design for kitchen electrics group
- Worked closely with international manufacturing house
- Trouble shooting for existing product designs and hardware issues
- Maintained and updated C code for prototype testing and debugging

08/11 – 06/15   **Advanced Product Development Engineer, 3M**   **Austin, TX**

- Programmed and deployed automated data acquisition and sensor feedback to increase productivity and accuracy of experiments
- Drafted, modeled and analyzed product designs using COMSOL to reduce development time and cost while avoiding wasted tooling
- Stress tested prototypes and products in the lab to gauge field compatibility and performance (IEEE and IEC test methods)
- Product design, development and testing for release with smart grid, medium voltage, and high voltage teams
- Led cross-disciplinary, multi-location research team to identify and create necessary materials and sensors for product development and fabrication
- Tested, optimized and deployed new to the world designs and non-linear stress control materials to improve product performance
- Root cause analysis on product failures to improve future design iterations
- Presented product designs and technical concepts at conferences to increase customer demand and knowledge
- Conducted prior art searches, technical claims writing, and patent review to protect intellectual property and avoid infringement

Skills

Software: Android Studio, COMSOL, Labview, CAD, Altium

Programming: Experience with Java, C, Android, Embedded Development

Accomplishments

Patents: WO2014209739, WO2015095158, WO2015095150, WO2016065574

University Honors, Spring 2008 – Spring 2011, Graduated *cum laude*

Recipient of Janelle and Henry Holman Endowed Presidential Scholarship in Engineering, 2010-2011

Education   **University of Texas at Austin**   **Austin, TX**
                 B.S. With Honors, Electrical Engineering May 2011   GPA: 3.88/4.0