

# Elliott Dehnbostel

## Resume

### WORK EXPERIENCE

GARMIN, KANSAS CITY

January 2019 - Present

#### *Software Development Engineer*

Developing a distributed API serving millions of smart watch users per day, and its associated customer support tool. In addition: developing an experimental, functional testing library to increase coverage in weak areas and improve team velocity.

TEXAS INSTRUMENTS, DALLAS

May 2017 - August 2017

#### *Software Development Intern*

Developed a python library to automate tests on micro-controllers, which reduced testing time from over a week by a human to just a few hours by a computer, which would then generate a "test report."

IBM, COLUMBUS

May 2016 - August 2016

#### *Android Development Intern*

Developed a cloud based, business-to-business file sharing app with instant chat functionality. Explored much of the Android SDK as the main developer of the app, with close attention to user experience.

OHIO STATE UNIVERSITY, COLUMBUS

January 2016 - May 2017

#### *Software Teaching Assistant*

Hosted office hours to answer student questions and graded software projects/written homework. Also attended lab sections to answer any questions as well as validate student's work.

OHIO STATE UNIVERSITY, COLUMBUS

January 2016 - May 2016

#### *Calculus Tutor*

Hosted walk-in style tutoring sessions where students would ask for help and clarification on mathematics assignments. Explained concepts clearly by finding the root cause of the student's confusion and using the Socratic method to allow him to arrive to solutions him/herself.

📍 8421 Renner Blvd, Apt 6411, Lenexa KS 66219  
☎ +1 (513) 444 6906  
✉ dehnbostele@gmail.com  
🌐 <https://github.com/elliottdehn>

### EDUCATION

2014-2018

GPA: 3.6 **The Ohio State University**  
COMP. SCI. ENGINEERING  
Graduate December 2018

2010-2014

GPA: 91 **Saint Xavier High School**  
COLLEGE PREPARATORY  
Cincinnati, Ohio

### PROJECTS

2020 ***/u/lit\_word\_bot*** ([click here](#))

Reddit bot which finds and defines rare, colorful words such as "Pistolero" and "Abstemious." Top 2% popularity.

2019 **IMPULSE! - Are You Slow Enough?**

Brain-bending game involving self-restraint as a challenge. Available on Google Play and GitHub.

2018 **Solar Energy Production Forecast**

Utilized machine learning to forecast the production of energy by a real solar field based on actual historical weather and irradiance data.

2018 **HomeCredit Default Prediction**

Participated in Kaggle machine learning competition to predict how likely a customer is to default on their loan, given data about the person.

'17-'18 **Quantum Resistant Ledger (QRL)**

Member of the first blockchain team to defeat quantum algorithm attacks. Peak \$198 million project value.

### TECHNOLOGY SKILLS

BEST Back-end, Java, Android, Spring, SQL, HBase, Git, Subversion, SQL

BETTER Front-end, Dart, Scala, Python, Git, Linux, Memcached, RabbitMQ, Blockchains

BASIC C, C++, x86 Assembly,  $\LaTeX$