

CHRISTOPHER SHUM

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CODING SKILLS

- Android SDK
- Git
- Google Material Design
- Project planning, user research, and prototyping
- Java
- JSON/Retrofit
- User Stories and Unit Testing
- Work with various APIs and libraries
- XML
- SQLite
- Google Play™ Services
- Threading and services

ANDROID APPS

- Portfolio at <http://chris-shum.github.io>
- Github: <https://github.com/chris-shum>
- “Meet Up, Speak Up” available on the Google Play store.
 - Implements: Firebase database & library, Microsoft Translator API, and Volley library.
 - Google Play Sign-In service integrated into the app to identify users.
 - User, chatroom, and chat data use Firebase's UI library to send & receive data to Firebase database.
 - Chat data is displayed via custom cards in a recycler view.
 - Users can choose to translate messages to and from 13 languages.
- “QuickTap”, 2nd place app at GA + HPE Haven OnDemand Hackathon.
 - Implements: HPE Haven OnDemand Speech Recognition API, BreweryDB API, SQLite database.
 - Team effort/partner programming resulting in strong usage of Git branching and merges.
 - Allows tracking of beers as well as sharing on social media.
 - Provides search feature allowing users to browse results from the BreweryDB database.
 - Built in SQLite database to store beer data.

PROFESSIONAL EXPERIENCE

GENERAL ASSEMBLY, New York, NY

2016 - Present

Teaching Assistant

Support the academic success of the Android Development Immersive students.

INTENSE, INC., North Brunswick, NJ

2014-2015

Electro-Mechanical Engineer

Contributed to the design, development, and production process of semiconductor lasers.

TRUMPF PHOTONICS, Cranbury, NJ

2009-2012

Lead Technician, 2011 – 2012

Production Technician, 2009 – 2011

Responsible for managing daily diode laser production within the Mounting & Testing group.

EDUCATION

UDACITY

Nanodegree, Android Development, In Progress

GENERAL ASSEMBLY

Certificate, Android Development

MANCHESTER METROPOLITAN UNIVERSITY

Master of Science, Mechanical Engineering