

CHRISTOPHER SHUM

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SKILLS

- Android SDK
- Git/GitHub
- Material Design/UI Dev.
- Project planning, user research, and prototyping
- MS Office, SAP, SolidWorks 3D CAD, LabVIEW, ANSYS, nCode DesignLife, Adams.
- Basic conversational Chinese and Spanish
- Java
- SQLite
- User Stories and Unit Testing
- APIs, networking and performance management
- XML
- JSON/Gson
- Google Play™ Services

RELEVANT EXPERIENCE

GENERAL ASSEMBLY

New York, NY

Android Development Immersive, 2016

Android Developer

Built Android apps from scratch through iterative design and development sprints

- “Meet Up, Speak Up”, a chat app featuring language translation available for download on the Google Play store
- “QuickTap”, 2nd place app at GA + HPE Haven OnDemand Hackathon
- Portfolio at <http://chris-shum.github.io>
- Code at <https://github.com/chris-shum>

OTHER EXPERIENCE

INTENSE, INC.

North Brunswick, NJ

Electro-Mechanical Engineer, 2014 – 2015

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

- Collaborated with customers and vendors to coordinate the design specification development of products.
- Designed laser product components, fixtures, and jigs via SolidWorks 3D CAD.
- Monitored production and inventory for diode lasers.

TRUMPF PHOTONICS

Cranbury, NJ

Lead Technician, 2011 – 2012

Production Technician, 2009 – 2011

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

- Created, reviewed, and refined work instructions for SAP/database transactions and tool operation.
- Restructured the M&T Kanban cycle to optimize the production process.
- Implemented monthly 5S workshops for continuous improvement in the cleanroom work environment.

EDUCATION

MANCHESTER METROPOLITAN UNIVERSITY

Manchester, England

Master of Science, Mechanical Engineering, August 2014

RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY

New Brunswick, NJ

Bachelor of Arts, Physics, September 2012