

# 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

Learned to build 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”, 2<sup>nd</sup> place app at GA + HPE Haven OnDemand Hackathon
- Code viewable at <https://github.com/chris-shum>
- Course project summaries available on [www.linkedin.com/in/shumchris](http://www.linkedin.com/in/shumchris)

## 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