

# Jung Soo Lee | MM13B018

## Indian Institute of Technology Madras

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### EDUCATION

| Program                                     | Institution                                    | %/CGPA   | Year of completion |
|---|--|----------|--------------------|
| B.Tech in Metallurgical and materials engg. | Indian Institute of Technology Madras, Chennai | 9.2/10   | 2017               |
| XII   | FIITJEE Junior College, Hyderabad              | 958/1000 | 2013               |
| X   | DRS International School, Hyderabad            | 9.8/10   | 2011               |

### SCHOLASTIC ACHIEVEMENTS

- Secured **2954<sup>th</sup> rank in JEE-Advanced**, in the year 2013.
- Secured **3<sup>rd</sup> zonal rank** in FIITJEE Talent Reward Exam held on 27<sup>th</sup> Dec, 2009.
- School topper in Science Olympiad, in the year 2009.

### COURSE WORK

- Metallurgical Thermodynamics
- Principles of Physical Metallurgy
- Transport Phenomena
- Computational Materials Thermodynamics
- Phase Transformation
- Advanced Materials and Processes
- Metal Forming Technology
- Electron Diffraction and Microscopy
- Solidification Processing
- Science and Technology of Nanomaterials
- Materials Characterization
- Physics of Materials

### PROJECTS

- **B. Tech Project, guided by Prof. B.S. Murty and Prof. E.S. Park (SNU)** (2016-present)
  - Research on high entropy bulk metallic glasses.
- **Mozhi, led by Prof. Dr. Prathap Haridoss (Android App for spastic persons)** (2014-2015)
  - Proposed ideas for improved usability by targeted users.
  - Design of buttons using Photoshop.
  - The App was registered for copyright.
- **Raftar team, Formula Student India (FSI) 2015** (2014-2015)
  - New member of Composites module of the team representing IIT Madras at national level.
  - Diagnosed flexible carbon fibre formula car seat and reinforced it.
  - Acquired hands on experience on wet lay up of carbon fibre reinforced plastics.

### SKILLS

- **Software Skills:** Basics of AutoCAD, Thermo-Calc, and MATLAB.

### POSITIONS OF RESPONSIBILITY

- **Coordinator of Spirit of Material Engineering, Amalgam (departmental festival of institute)** (2014)
  - Demonstrations of experiments using exotic and unconventional materials.
- **Deputy Discipline Captain of DRS International School** (2010-2011)

### CO-CURRICULAR ACTIVITIES/EXTRA-CURRICULAR ACTIVITIES

- Active member of IIT Madras cycling club. (2015-present)
- Successfully completed National Service Scheme (NSS) project. (2013-2014)
- Placed first in orchestra competition in DRS International School, Hyderabad. (2010)
- Received Best all-rounder boy award in DRS International School, Hyderabad. (2009-2010)
- Received Best in sports award in DRS International School, Hyderabad. (2009)