



## Online Body Shape Models

TECHNOLOGY NUMBER: 2019-247



### OVERVIEW

Intuitive 3D body shape modeling by adjusting a few predictors such as stature and BMI

- Anthropometry prediction of standard anthropometric values and anatomical landmark points of the chosen body shape
- Avatar download of body shape in popular 3D mesh formats

### BACKGROUND

Developed in the labs of [Matt Reed](#) and [Daniel Park](#), [HumanShape™](#) models are intuitive and accurate 3D manikin models generated from a minimal set of parameters. All [HumanShape™](#) models are based on statistical analyses of high-resolution laser scans and anthropometric measurement data of men, women, and children with a wide range of age, stature, and body weight.

### ADDITIONAL DETAILS

We offer both a non-commercial and commercial use license for the body shape models.

- **Non-commercial use license (free):** Commercial use of models, including incorporation in software products, **is not permitted**. After you sign the license below, please visit the [HumanShape™](#) website to download the models.

**If you are interested in a commercial use license, please contact Ashwathi Iyer (ashwathi@umich.edu).**

### Technology ID

2019-247

### Category

Content  
Software & Content

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