

# Joshua Eastman

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🌐 ceramic-mug.github.io

📖 Joshua 1:9

## Objective

To improve the health and well-being of distressed communities around the world through excellent pediatric practice, the development of free and universal healthcare systems, and impactful, interdisciplinary research.

## Education

**Bachelor's of Science and Engineering with Honor's**  
Civil and Environmental Engineering

2022  
*Princeton University*

## Work Experience

**Heritage Farm Museum and Village**  
Tours, research, and construction

Summers 2017, 2018, 2020  
*Huntington, WV*

**Guria India NGO**  
Office assistant

2017-2018  
*Varanasi, India*

**Rubenstein Lab**  
Research assistant

Summer 2019  
*Princeton University*

**Forbes Residential College**  
Residential college advisor (RA)

2020-2022  
*Princeton University*

**Urban Nexus Lab**  
Research assistant

2021-Present  
*Princeton University*

## Skills

- **Computer:** Research-level data analysis and computational modeling, analysis of large data sets, analysis of geospatial data, analysis of 3D LiDAR data, research-level statistics, visualization, and machine learning in a variety of computer languages (Python first, then Matlab, R, C, Java)
- **Research:** Interdisciplinary hypothesis development, study design, study implementation, analysis, grant writing, and administration
- **Hands-on:** Carpentry, machining (basic)
- **Personal:** Experience as member and leader of projects in international, intercultural, diverse, resource-poor, resource-rich, prestigious, rural, and urban settings

## Awards and Achievements

- 2021, AGU Presentation, *Quantifying Tree Canopy and Carbon Sequestration Potential Across 5 Indian Cities Through Remote Sensing, in-situ Testing, and Machine Learning*
- 2022, M.S. Chadha Center for Global India award for Engineering and Natural Sciences ( awarded by the Secretary of Science and Technology, government of India, Dr. Srivari Chandrasekhar), Princeton University
- 2022, Civil and Environmental Engineering Christine Trmal Prize for excellence in academic studies and outstanding thesis in Environmental Engineering, Princeton University
- 2022, School of Engineering and Applied Science Calvin Dodd MacCracken Senior Thesis Award for inventiveness and technical accomplishment, Princeton University

## Volunteer Experience

<b>Annual short-term missions</b> Friends of Fort Liberté	2013-2017 <i>Ft. Liberté, Haiti</i>
<b>Office assistant and youth mentor</b> Guria India	2017-2018 <i>Varanasi, India</i>
<b>Youth-group helper and Sunday School teacher</b> Hope Presbyterian Church	2018-2020 <i>Lawrenceville, NJ</i>
<b>President of Christian Union NOVA ministry</b> Princeton University	2020-2022 <i>Princeton, NJ</i>
<b>Youth-group helper and Sunday School teacher</b> New Baptist Church	2022-Present <i>Huntington, WV</i>
<b>Participant, Marshall Medical Outreach</b> Marshall School of Medicine	2022-Present <i>Huntington, WV</i>
<b>Treasurer, Pediatric Interest Group</b> Marshall School of Medicine	2022-Present <i>Huntington, WV</i>
<b>Treasurer of Men's Health Organization</b> Marshall School of Medicine	2023-Present <i>Huntington, WV</i>

## Languages

English (Native)  
Hindi (Basic spoken)