

# Joe Stoica

✉ [joe.stoica@gmail.com](mailto:joe.stoica@gmail.com) • [joestoica.github.io](https://github.com/joestoica)

## Education

### Indiana University

*Bachelor of Science in Statistics, GPA: 3.68*  
Minors: Computer Science, Mathematics, Biology

**Bloomington**

2015 – May 2019

## Relevant Coursework

### Statistics

- Introduction to Statistics
- Applied Linear Models I, II
- Introduction to Statistical Theory

### Computer Science

- Introduction to Programming
- Introduction to Software Systems
- Discrete Structures
- Data Structures

### Mathematics

- Calculus I, II, III
- Linear Algebra
- Introduction to Probability Theory

## Work Experience

### Indiana University Recreational Sports

*Informal Sports Supervisor*

- Monitored workout spaces to ensure participant safety
- Engaged with participants in order to foster a welcoming environment and provide knowledge of fitness policies
- Facilitated public access to facilities and greeted guests upon arrival

Detailed achievements:

**Bloomington**

Aug 2016 – Dec 2017

## Extracurricular Involvement

### Internship in BIOL Instruction

*Undergraduate Teaching Assistant*

- Led a class of students in weekly discussions reviewing current course competencies.
- Responsible for holding office hours and grading various assignments.

**Bloomington**

Jan 2018 – Present

### WIUX-LP Bloomington

*DJ, Committee Member*

- Hosted a weekly hour-long online radio program showcasing current and local music.
- Attended weekly committee meetings reviewing and discussing music releases.

**Bloomington**

Feb 2017 – Present

### Indiana University Research and Teaching Preserve

*Volunteer*

- Helped construct and maintain trails for research and educational purposes.
- Assured ecological and meteorological research equipment were in proper working condition.

**Bloomington**

Aug 2016 – July 2017

### Indiana University Dance Marathon

*Dancer, Committee Member, Subcommittee Chair*

**Bloomington**

Aug 2015 – Present

- Fundraised and advocated year-round to spread awareness for Riley Hospital for Children.
- Collaborated with committee members to interact with and organize successful events for hospital patients.
- Formed one-on-one relationships with Riley patients and their family members.

## Programming Languages

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**R:** Used for statistical analysis and data visualization in multiple courses. *Intermediate*

**Java:** Used for learning principles of OOP, data structures, and algorithms. *Entry level*

**DrRacket-Scheme:** Used for learning functional programming fundamentals. *Entry Level*

**Python:** Self study for implementation with Raspberry pi. *Basic Understanding*

## Frameworks and Tools

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**LaTeX:** Simple typesetting for generating organized documents (Like this one!).

**HTML/Css:** Very basic understanding for creating a personal website.

**Microsoft Office Suite:** Trimming and arranging data to use in conjunction with R through excel, and preparing presentations in PowerPoint.

## Interests

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**Crafting and Design:** I enjoy learning about new technologies, like 3D printing, laser cutting, and Arduino, to construct projects.

**Rock Climbing:** I like to stay in shape while also socializing at the gym.