

# Kanishka Misra

---

Purdue University  
Department of Computer Information Technology  
430 W. Wood St.  
West Lafayette, IN 47906

kmisra@purdue.edu  
www.kanishka.xyz  
Github: kanishkamisra  
Phone: +1 (551) 232-4547

**Education**    **Purdue University, West Lafayette**  
B.S., Computer Information Technology - May 2018.  
Minor: Statistics  
GPA: 3.72

**Experience**    **Purdue University, West Lafayette**  
Undergraduate Research Assistant - Fall 2017  
**Topic:** Application of natural language processing on cyber deviance data with a focus on online predator chat logs.  
Supervised by Dr. Julia Rayz  
**Skills Utilized:** R, Python

**Perscio, Indianapolis**  
Data Scientist Intern - Summer 2017  
Tidied, transformed, visualized and modelled healthcare data to help clients make effective data driven decisions.  
**Skills Utilized:** R, Shiny, Tableau

**Purdue University, West Lafayette**  
Undergraduate Research Assistant - Spring 2017  
**Topic:** Application of statistical and predictive modelling on cyber deviance data with a focus on bestiality cases.  
Supervised by Dr. Kathryn C. Seigfried-Spellar  
**Skills Utilized:** R, SPSS

**Research**    Gietel-Basten, S.A. and Misra, Kanishka (2017) Scenarios for population in the Belt-and-Road initiative: General applications and a case study of the CPEC. Presentation at Changchung, P.R. China

**Awards**        **First Place: Indy Civic Hack - Summer 2017**  
Open Innovation Challenge

**Runner Up: Best Visualization - Spring 2017**  
Purdue ASA - Datafest

**Languages and Skills**    English (bilingual proficiency), Hindi (bilingual proficiency)  
R, L<sup>A</sup>T<sub>E</sub>X, Github, Python, SQL

## Projects

### **Popyr**

Interactive Population Pyramids

**Skills Used:** R, Shiny, Highcharter

### **Causes of death in Indiana**

Tool to explore Mortality in Indiana

**Skills Used:** R, Shiny, Highcharter, Sparklines

### **Happiness across the World**

Blog about UN's Happiness ratings

**Skills Used:** R

### **Journey of glacial sea waters**

Blog about ice coverage on the planet

**Skills Used:** R

## Volunteering

### **Mentor: NextTech, Indianapolis - Summer 2017**

Mentored high school students interested in pursuing STEM college majors

### **Mentor: Code.org - Summer 2017**

Mentored grade school kids at the Butler Coding Lab in completing the hour of code challenges.

## References

Kathryn C. Seigfried-Spellar

Computer Information Technology

Purdue University

kspellar@purdue.edu

+1 (765) 494-2439

Julia Rayz

Computer Information Technology

Purdue University

jtaylor1@purdue.edu

+1 (765) 494-9525

Stuart Gietel-Basten

Division of Social Science

HKUST - Hong Kong

sgb@ust.hk

+852 3469-2688

Kent Hiller

President

Perscio

khiller@perscio.com

+1 (317) 696-1697