

Stefan Uddenberg

Education

- 2013–2018 **Yale University – Ph.D. in Cognitive Psychology**, *New Haven, CT.*
- 2007–2011 **Dartmouth College – B.A. in Cognitive Science & Japanese Studies**, *Hanover, NH.*
Magna Cum Laude | Phi Beta Kappa

Work Experience

- 2018–Present **Princeton University – Postdoctoral Fellow**, *Princeton Neuroscience Institute.*
- Designed, developed and conducted over 30 large-scale online social science experiments of decision-making and face perception, using JavaScript and Python.
 - Developing software that allows for easy generation and manipulation of hyper-realistic faces (patent pending).
- 2018–Present **BodhiMetrics – Lead Developer.**
- Developed 16 web-based behavioral experiments designed to test an array of cognitive abilities in order to predict athletic and job performance, including attention, working memory, and response inhibition.
- 2013–2018 **Yale University – Graduate Researcher**, *Department of Psychology.*
- Conducted psychophysical experiments on human participants to characterize cognitive mechanisms of face perception, effective data visualization, and visual attention.
 - Projects involved statistical analysis of both structured and unstructured datasets.
 - Published multiple peer-reviewed scientific articles, including:
 - Uddenberg, S., & Scholl, B. J.** (2018). TeleFace: Serial reproduction of faces reveals a Whiteward bias in race memory. *Journal of Experimental Psychology: General*, 147, 1466-1487.
 - *Ongchoco, J. D. K., *Uddenberg, S., & Chun, M. M.** (2016). Statistical learning of movement. *Psychonomic Bulletin & Review*, 23, 1913-1919. **Equal author contribution.*

Grants & Awards

- 2019–2021 **Innovation Fund for New Ideas in the Natural Sciences**,
Princeton University, Office of the Dean for Research (\$199,422).
SocialGAN: Generating infinitely many hyper-realistic faces with a simple web application.
- 2019 **Massive Online Data Collection with Dallinger Workshop Travel Grant**, *Max Planck Institute.*
- 2019 **Dartmouth MIND Computational Summer School Fellowship**, *Dartmouth College.*
- 2015–2018 **NSF Graduate Research Fellowship**, *National Science Foundation.*
- 2017 **Yale Dean's Emerging Scholar Award | Rosenkranz Grant for Pedagogical Advancement.**

Leadership & Activities

- 2017–Present **Open Mind – YHack's Best Hack to Counter Fake News**, *New Haven, CT.*
- Created *Open Mind*, a Google Chrome web extension designed to counter **fake news** by providing users with news articles relevant to their interests – but from the other end of the political spectrum.
 - Presented our extension and findings to the **US Congress** and **Facebook's** directors of policy.
- 2014–2016 **Code Up – Founder of Educational Non-profit**, *Port of Spain, Trinidad & Tobago.*
- Founded a non-profit organization in my birth country of Trinidad & Tobago to reduce the gender gap in computer science participation in the Caribbean.
 - Developed program that taught 20 high-school girls algorithmic thinking using **JavaScript**.

Skills

- Advanced **Python | SQL** – Data science, data visualization, machine learning
- Advanced **JavaScript** – Online experimental design, full-stack web development, data visualization
- Intermediate **R | MATLAB** – Statistical analysis, data visualization