CURRICULUM VITAE

Nicholas M. Vincent

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RESEARCH AREAS

Human-computer Interaction, Human-Centered Machine Learning, Social Computing

EDUCATION

Northwestern University, Evanston, IL
2017 – Present
- Doctor of Philosophy in Technology and Social Behavior (joint program in Computer Science and Communication)
- Adviser: Brent Hecht, Ph.D.

University of California, Los Angeles (UCLA)
2012-2016
- Bachelor of Science in Electrical Engineering
- GPA: 3.78/4.00 (magna cum laude)

PROFESSIONAL EXPERIENCE

Cloud Programming Specialist at **Cloudbakers** in Chicago, IL.
September 2016 – June 2017
- Designed and developed custom full-stack web applications for mid-market businesses

Naval Research Intern at **Space and Naval Warfare Systems Command** in San Diego, CA.
June 2015 – August 2015 and June 2016 – August 2016
- Acoustic signal processing research

Software Engineer Intern at **Cisco Systems** in San Jose, CA.
June 2014 – September 2014
- Wrote integration tests for a security product's REST API and supported the software build process through automation

Cross Functional Intern at **Cisco Systems** in San Jose, CA.
June 2013 – September 2014
- Developed internal software for the Intellectual Assets Protection team
- Analyzed company-wide workflow and suggested changes to protect intellectual assets

PUBLICATIONS

PEER-REVIEWED CONFERENCE PAPERS

[ICWSM 2019] **Vincent, N.**, Johnson, I., Sheehan, P., and Hecht, B. (2019) Measuring the Importance of User-Generated Content to Search Engines. *Proceedings of AAAI ICWSM 2019*.

[CSCW 2018] Foong, E., **Vincent, N.**, Hecht, B., and Gerber, E. (2018) Women (Still) Ask For Less: Gender Differences in Wage-Setting and Occupation in an Online Labor Marketplace. *CSCW 2018 / PACM Computer-Supported Cooperative Work and Social Computing.*

[CHI 2018] **Vincent, N.**, Johnson, I., and Hecht, B. Examining Wikipedia with a Broader Lens: Quantifying the Value of Wikipedia's Relationships with Other Large-Scale Online Communities. *ACM Conference on Human Factors in Computing Systems 2018.* *Received a Best Paper award (Top 1% of submissions)

WORKSHOP CONFERENCE PAPERS

[BIBM 2015 Workshop on Biomedical Visual Search and Deep Learning] Stier, N., **Vincent, N**., Liebeskind, D. and Scalzo, F., 2015, November. Deep learning of tissue fate features in acute ischemic stroke. *In IEEE Bioinformatics and Biomedicine (BIBM), 2015 (pp. 1316-1321).* IEEE.

[BIBM 2015 Workshop on Biomedical Visual Search and Deep Learning] **Vincent, N.**, Stier, N., Yu, S., Liebeskind, D.S., Wang, D.J. and Scalzo, F., 2015, November. of hyperperfusion on arterial spin labeling using deep learning. *In IEEE Bioinformatics and Biomedicine (BIBM), 2015 (pp. 1322-1327)*. IEEE.

TEACHING EXPERIENCE

Peer Learning Facilitator at **UCLA's Academic Advancement Program**
September 2014 – June 2015

- Led learning sessions and provided mentoring to students in UCLA's Academic Advancement Program taking differential equations and multivariable calculus

ACADEMIC SERVICE

Computer Science Ph.D. Advisory Council at **Northwestern University**
September 2018 –December 2018

- Served on CSPAC, a student organization meant to "foster a community within the student body of Computer Science PhD students at Northwestern University, and to give this community a voice within the Computer Science Division"

AWARDS

- NSF-GRFP Honorable Mention
- Best Paper Award (top 1% of submissions) at CHI 2018 for "Examining Wikipedia with a Broader Lens: Quantifying the Value of Wikipedia's Relationships with Other Large-Scale Online Communities."

SKILLS

Experienced with: Python, Javascript, machine learning, signal processing, recommender systems, web development

Familiar with: Causal analysis, Matlab, Java, C++, embedded software, mobile development