

AVNEESH SARWATE

New York, NY 10012 | avneeshsarwate@gmail.com

WORK EXPERIENCE

Yext **New York, New York**
Software Engineer *Oct 2015 – present*

- Contributed to the release of several major Yext products, including Reviews, the Yext Developer Platform, and the now sunset Xone offering.
- Built data visualizations in JavaScript using the D3 and Highcharts libraries.
- Scoped and executed major refactors of our reporting framework to prevent accumulation of technical debt.
- Built and optimized ETL pipelines for aggregating logs from bluetooth beacons and calculating business metrics

Applied Predictive Technologies **Washington DC**
Software Engineer *Aug 2014 – Sept 2015*

- Built business intelligence software capitalizing on rich data sets
 - Worked in a continuous integration setting to quickly and flexibly deliver client facing features while managing technical debt
 - Worked closely with product managers to help scope features and determine development schedules, as well as participating in design discussions for new features
- Did full-stack development in the .NET platform

Epic Software **Madison, WI**
Software Development Intern *June 2013 – Aug 2013*

- Designed and developed an Android tablet application for securely signing and editing documents.

EDUCATION

Princeton University, School of Engineering and Applied Science **Princeton, NJ**
Bachelor of Science of Engineering: Computer Science (Cum Laude) *September 2010 – June 2014*

- Departmental GPA: 3.5/4.0

PUBLICATIONS & SOFTWARE PROJECTS (Github Repository: <https://github.com/AvneeshSarwate>)

Sarwate, A. 2016. “Calcification and Hybrid Live Coding” *Audio Mostly*. Norrköping, Sweden, October 4–6, 2016.

Sarwate, A., and J. Snyder. 2014. “SkipStep: A Multi-Paradigm Touch-screen Instrument” *Proceedings of the ICMC|SMC|2014*. Athens, Greece, September 14–20, 2014.

Snyder, J., and A. Sarwate. 2014. “The Mobile Device Marching Band” *Proceedings of the International Conference on New Interfaces for Musical Expression*. London, United Kingdom, June 30–July 4, 2014.

Sarwate, A., and R. Fiebrink. 2013. “Expansion on Description-Based Design of Melodies” *Proceedings of the Ninth Conference on Artificial Intelligence and Interactive Digital Entertainment (AIIDE 13)*. Boston, Massachusetts, October 14–15, 2013.

Sarwate, A., and R. Fiebrink. 2013. “Variator: A creativity support tool for music composition.” *Proceedings of New Interfaces for Musical Expression (NIME)*, Daejeon, South Korea, May 27–30, 2013.

SKILLS & INTERESTS

- Proficient: C#/.NET, Python, Java and Eclipse Development Environment, ChuckK, SuperCollider, Technical Writing
- Familiar: Android+SDK, Arduino, C/Unix programming Environment, Haskell, SQL Server, HTML/CSS, JavaScript/jQuery/Knockout
- Interests: Music (guitar, bass, hand-drumming, singing, some electronic production, algorithmic music) Recreational sports: Soccer, Volleyball, Ultimate Frisbee, Martial Arts