

Sharif Younes

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EDUCATION & RESEARCH

Bowdoin College 2009-13

B.A. with Honors, Mathematics, summa cum laude

- GPA (out of 4.0): 3.97 major, 3.95 overall
- Hammond Prize for distinction in mathematics
- Book Award Winner (4.0 overall GPA for year) 2011-12
- Sarah and James Bowdoin Scholar (Dean's List) all years
- Phi Beta Kappa

Research - Bowdoin College 2012-13

Research Assistant to Professor Jennifer Taback

- Conducted research in group theory and theoretical computer science
- Completed honors thesis, "[Language Theoretic Properties of Thompson's Group \$F\$](#) "
- Published "Tree-based language complexity of Thompson's Group F " (joint with Jennifer Taback) in *Graphs, Complexity, Cryptology* 7 no. 2, (2015), 135–152. ([preprint](#))

Research - University of Wisconsin-Stout Summer 2012

Participant in Mathematics REU

- Co-authored paper entitled "Word Length in Thompson's Group T " (joint with Faculty Director Matthew Horak and fellow REU participant David McKlveen)
- Presented at Joint Mathematics Meetings, San Diego (January 2013)

WORK EXPERIENCE

Waterfall Media Group

Consultant & Software Developer 2015-Present

- Assist companies with email marketing and web development
- Project 1: Advised an Internet marketing company on building an email marketing system from scratch
- Project 2: Built an email marketing system for a digital media company that monetizes their existing product line, generating \$500k/year in revenue
- Project 3: Designed, developed, and deployed a web application for a mentoring organization that helps mentors track the progress of the students they mentor

NuFit Media

Director of Analytics 2015

Quantitative Analyst 2013-15

- Managed team of seven analysts
- Wrote software to automate and optimize 200+ email marketing campaigns
- Built email marketing operation from scratch to \$6MM revenue run rate

SKILLS & INTERESTS

Data PostgreSQL, RabbitMQ, Redis, Airflow, SQLAlchemy; some exposure to Redshift, MapReduce

Software Linux, Python, Flask; some front-end experience with HTML, CSS, JavaScript/jQuery; Git, Travis, Sentry for project management and workflow

Interests Olympic Weightlifting, Powerlifting, Running