

# NICK HARBAUGH

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**Bio** Full-stack engineer with 15+ years of experience building data-driven web applications. I've led diverse technical and creative teams, co-founded a software studio, and collaborated with forward-thinking companies worldwide.

## TECHNICAL SKILLS

Front-end TypeScript, React, Next.js, Svelte, Vue, Astro, Three.js, D3.js, Mapbox  
Back-end Node.js, Python, PHP, MySQL, MongoDB, Sanity, Drupal, Craft CMS, WordPress  
Software Adobe CS, Figma, ArcGIS Pro, Blender, Unity 3D, After Effects, Premiere Pro

## WORK EXPERIENCE

- 2024 - 2025 **Graphicacy, Sr. Data Visualization Engineer**  
Developed and maintained front-end and full-stack applications across multiple frameworks and languages.  
Defined application architecture, selected tech stacks, and implemented CI/CD deployment pipelines.  
Collaborated with clients to assess technical needs and mentored junior engineers.
- 2023 - 2024 **Periscopic, Director of Technology**  
Led technical strategy, optimizing infrastructure and implementing CI/CD, hosting, and deployment solutions.  
Managed teams of engineers and contractors, overseeing workload distribution and code quality.  
Balanced aggressive timelines and budgets with design and data requirements, delivering scalable technical solutions.
- 2015 - 2023 **Seven Mile Media, CTO & Co-founder**  
Co-founded a creative agency and software studio based in Austin, TX.  
Led technical and creative teams to develop interactive experiences for brands, museums, nonprofits, and research organizations.  
Full-stack engineering, data visualization, video production, and animation.  
Clients included *Nike, The University of Chicago, The New Yorker, The US Holocaust Memorial Museum, Atlantic Council, and World Wildlife Fund.*
- 2016 **Texas State University, Adjunct Professor**  
Taught *Web Design and Publishing* to 40 junior and senior students.  
Topics included JavaScript, HTML, CSS, web hosting, FTP, and an introduction to WordPress development.

2012 - 2015 **Associated Press, Interactive Producer**  
Developed news applications, interactive web features, and data visualizations for AP's global news wire.  
Worked with reporters, producers, and engineers to cover breaking and enterprise stories, including the *2012 U.S. presidential election, Syrian civil war, Boston bombing, and Hurricane Sandy*.  
Helped redefine digital standards and workflows across AP's newsroom.

2011 **The New York Times, Multimedia Fellow**  
Produced interactive features, data-driven applications, and award-winning documentary films for the NYT Multimedia Team.  
Collaborated with journalists and photographers on digital news products.  
Winner of First Place, Feature Multimedia (POYi Awards) for "*In Love and Loss*."

### TALKS & WORKSHOPS

2021 Workshop host and speaker, *Visualizing quantitative and qualitative data: a hands-on approach*, Atlantic Council  
2020 Critic (Guest), *Design and Technology Master's Thesis Studio*, Parsons School of Design  
2020 Workshop host and speaker, *Mapbox AR for Unity: Building maps in augmented reality*, Ribeiro Innovation Fund Workshop, University of Miami  
2020 Workshop host and speaker, *Intro to Mapbox: Translating geospatial data into interactive interfaces*, Ribeiro Innovation Fund Workshop, University of Miami  
2017 Lecturer (Guest), *User interfaces and digital storytelling*, School of Design and Creative Technologies, University of Texas  
2017 Speaker, *Designing Data for Research and Journalism*, Insight Illuminated Showcase Speaker Series, NORC at the University of Chicago  
2016 Lecturer (Guest), *Digital Media Innovation*, Texas State University

### GRANTS, AWARDS & EXHIBITIONS

2023 Beyond City to City: A UNESCO Media Arts Exhibition, *Sonified Topographies*  
2021 City of Austin TEMPO program, Grant Recipient, Art in Public Places, selected for a one-year installation at the Austin Central Library, *Reconnected: A Collective Poem*  
2020 Dotcomm Awards, Platinum award, Data Visualization, *CSIS: How Are Foreign Rail Construction Projects Advancing China's Interests?*  
2019 Kantar Information is Beautiful Awards, Shortlist, *CSIS: China Power Data Visualizations*  
2013 POYi (Pictures of the Year International), First Place, Feature Multimedia Story, *In Love and Loss*, *The New York Times*  
2013 Oliver S. Gramling Award, Winner, *Scholarship Award*, Associated Press

2011 Online Journalism Awards, Finalist, Digital Video Storytelling, *Florida Cowboys*,  
*Knight Center for International Media*

2010 Online Journalism Awards, Winner, Digital Video Storytelling, *My Story, My Goal*,  
*Knight Center for International Media*

### **EDUCATION**

2010 M.A. in Multimedia Journalism, University of Miami, Miami, FL

2009 B.S. in Visual Journalism and International Studies, University of Miami, Miami, FL