

## Education

- 2018–2024 **Carnegie Mellon University**, Pittsburgh, USA.  
Ph.D. in Software Engineering  
*Advisors:* Brad A. Myers, Bogdan Vasilescu, Vincent Hellendoorn
- 2016–2018 **University of Southern California**, Los Angeles, USA.  
M.S. in Computer Science  
*Advisor:* Nenad Medvidovic
- 2012–2016 **Yonsei University**, Seoul, Korea.  
B.S. in Computer Science

## Professional Experience

- 2025– **Assistant Professor**, *University of California Irvine*, Irvine, CA.
- 2024–2025 **Visiting Researcher**, *Google*, Sunnyvale, CA.
- 2021 **Software Engineer Intern**, *Facebook*, Menlo Park (remote), CA.
- 2020 **Research Scientist Intern**, *Google*, Seattle (remote), WA.
- 2017–2018 **Research Assistant**, *University of Southern California*, Los Angeles, CA.
- 2017–2018 **Research Assistant**, *Information Sciences Institute*, Marina del Rey, CA.

## Peer-reviewed Conference Papers

- [C9] Matin Amoozadeh, **Daye Nam**, Daniel Prol, Ali Alfageeh, James Prather, Michael Hilton, Sruti Srinivasa Ragavan, and Mohammad Amin Alipour. (2024) Student-AI Interaction: A Case Study of CS1 students. Accepted to *the 24th Koli Calling international Conference on Computing Education Research (Koli Calling)*.
- [C11] **Daye Nam**, Andrew Macvean, Brad Myers, and Bogdan Vasilescu. (2024) Understanding Documentation Use Through Log Analysis: A Case Study of Four Cloud Services. *The CHI conference on Human Factors in Computing Systems (CHI)*, acceptance rate: 26% = 1,060/4,028.
- [C10] **Daye Nam**, Andrew Macvean, Vincent Hellendoorn, Bogdan Vasilescu, and Brad Myers. (2024) In-IDE Generation-based Information Support with a Large Language Model. *The 46th International Conference on Software Engineering (ICSE)*.
- [C9] Matin Amoozadeh, David Daniels, **Daye Nam**, Stella Chen, Michael Hilton, Sruti Srinivasa Ragavan and Mohammad Amin Alipour (2024) Evaluating Trust in Generative AI among students. *Accepted to the Technical Symposium on Computer Science Education (SIGCSE TS)*.
- [C8] **Daye Nam**, Brad Myers, Bogdan Vasilescu, and Vincent Hellendoorn. (2023) Improving API Knowledge Discovery with ML: A Case Study of Comparable API Methods. *The 45th International Conference on Software Engineering (ICSE)*, acceptance rate: 26% = 208/796.
- [C7] **Daye Nam\***, Baishakhi Ray\*, Seohyun Kim, Xianshan Qu, Satish Chandra (2022) Predictive Synthesis of API-Centric Code. *The 6th ACM SIGPLAN International Symposium on Machine Programming (MAPS@PLDI)*.
- [C6] **Daye Nam**. (2019) API Design Implications of Boilerplate Client Code. *The 34th International Conference on Automated Software Engineering, Student Research Competition (ASE SRC)*. 2nd Place
- [C5] **Daye Nam**, Amber Horvath, Andrew Macvean, Brad Myers, and Bogdan Vasilescu. (2019) MARBLE: Mining for Boilerplate Code to Identify API Usability Problems. *The 34th International Conference on Automated Software Engineering (ASE)*, acceptance rate: 21% = 93/445.

- [C4] Amber Horvath, Sachin Grover, Sihan Dong, Emily Zhou, Finn Voichick, Mary Beth Kery, Shwetha Shinju, **Daye Nam**, Mariann Nagy, and Brad Myers. (2019) The Long Tail: Understanding the Discoverability of API Functionality. *2019 Symposium on Visual Languages and Human-Centric Computing (VL/HCC)*.
- [C3] Arman Shahbazian, **Daye Nam**, and Nenad Medvidovic. (2018) Toward Predicting Architectural Significance of Implementation Issues. *The 15th International Conference on Mining Software Repositories (MSR)*.
- [C2] **Daye Nam**, Youn Kyu Lee, and Nenad Medvidovic. (2018) EVA: A Tool for Visualizing Software Architectural Evolution. *The 40th International Conference on Software Engineering: Companion Proceedings (ICSE Demo)*.
- [C1] Youn Kyu Lee, Peera Yoodee, Arman Shahbazian, **Daye Nam**, and Nenad Medvidovic. (2017) SEALANT: A Detection and Visualization Tool for Inter-App Security Vulnerabilities in Android. *The 32nd International Conference on Automated Software Engineering (ASE Demo)*. *Best Tool Paper Award*.

## Journal Articles

- [J1] **Daye Nam** and Mayank Kejriwal. (2018) How Do Organizations Publish Semantic Markup? Three Case Studies using Public Schema.org Crawls. *IEEE Computer*, vol. 51, no. 6, pp. 42-51.

## Lightly-Reviewed Publications

- [L3] **Daye Nam**. (2023) Context-Aware Information Support for Developers. *The ACM Joint European Software Engineering Conference and Symposium on the Foundations of Software Engineering, Doctoral Symposium (ESEC/FSE DS)*
- [L2] Matin Amoozadeh, David Daniels, Stella Chen, **Daye Nam**, Aayush Kumar, Michael Hilton, Mohammad Amin Alipour, and Sruti Srinivasa Ragavan. (2023) Characterizing Students Trust in Generative Artificial Intelligence. *ACM Conference on International Computing Education Research (ICER LT&P Track)*.
- [L1] Youn Kyu Lee, **Daye Nam**, and Nenad Medvidovic. (2017) Identifying Inter-Component Communication Vulnerabilities in Event-based Systems. *Technical Report*.

## Patent

- [P1] Youn Kyu Lee, Nenad Medvidovic, Peera Yoodee, Gholamreza Safi, Arman Shahbazian, Yixue Zhao, Jae Bang, and **Daye Nam**. (2020) SEALAnT: Security for End-Users of Android via Light-Weight Analysis Techniques. *U.S. Patent*, No. 10,827,349

## Teaching

- Fall 2022 **Co-Instructor**, 17-313 *Foundations of Software Engineering*.  
Michael Hilton, Rohan Padhye, Chris Timperley, and Daye Nam
- Fall 2021 **Head Teaching Assistant**, 17-313 *Foundations of Software Engineering*.  
Michael Hilton and Rohan Padhye

## Awards & Honors

- 2023 SIGSOFT CAPS Student Travel Award for FSE 2024, ACM SIGSOFT
- 2023 NSF Travel Award for FSE 2024, NSF
- 2023 NSF Travel Award for ICSE 2023, NSF
- 2020 Nominated for Microsoft Research PhD Fellowship (1 student from CMU-ISR)
- 2020 Nominated for Google PhD Fellowship (1 of 4 students from CMU)
- 2019 Finalist for the Microsoft Research Ada Lovelace Fellowship
- 2019 2nd Place in ASE Student Research Competition, ACM
- 2019 ACM Student Research Competition Travel Award for ASE 2019, ACM
- 2018 SIGSOFT CAPS Student Travel Award for ICSE 2018, ACM SIGSOFT

- 2018 Best Research Award, University of Southern California (2 recipients in CS Department)
- 2017 Academic Excellence Scholarship, Yonsei Alumni Association of Southern California
- 2017 Best Tool Paper Award, ASE 2017
- 2014 – 2015 Academic Excellence Scholarship, Korea Student Aid Foundation
- 2015 Grand Prize, Graduation Exhibition, Computer Science, Yonsei University
- 2013 Outstanding Paper Award, WISSET
- 2013 Academic Excellence Scholarship, Yonsei University

## Professional Service

- Organizer FSE 2023 (Web chair)
- Conferences UIST (2022, 2024), ICSE SEIP (2024), ASE Industry (2024), MSR Shadow/Junior PC (2021, 2023),  
PC FSE Artifact (2021)
- Journal TOSEM (2023, 2024), Empirical Software Engineering (2024), Semantic Web Journal (2018)
- Review