

# Nadin Tamer

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## EDUCATION

**Stanford University**, Stanford, CA

Expected Graduation: June 2023

- Bachelor of Science, Computer Science (Human-Computer Interaction); Minor: Education | GPA: 4.09/4.00
- Relevant Coursework: Programming Abstractions in C++, Computer Organization & Systems, Probability for Computer Scientists, Linear Algebra and Multivariable Calculus, Mathematical Foundations of Computing

**Google CSCI-Coursera**, Data Structures

July 2019 - August 2019

## SKILLS

**Technical Skills:** (*proficient*): Python, Swift, C, C++, Git (*familiar*): Java, JavaScript, HTML, CSS

## WORK EXPERIENCE

**Incoming CS106 Section Leader (TA)**, *Stanford University* | Python, C++

January 2020 - Present

**Undergraduate Researcher**, *Stanford HCI Group* | Swift, SwiftUI, Firebase

April 2020 - August 2020

- Implemented a sequencing game for StoryCoder, an iOS app that teaches preliterate children computational thinking skills through storytelling; improved game UI/UX through prototyping and iterative testing
- Conducted remote user studies with over 30 children to evaluate learning transfer & engagement levels
- Received the "Outstanding Poster Award" at the CURIS 2020 poster session (awarded to 4 teams out of 100+)

**Pinterest Engage Scholar**, *Pinterest* | Python

June 2020 - July 2020

- Selected as one of 41 students to participate in workshops to build technical/professional skills for SWE roles
- Solved bi-weekly coding challenges in Python & worked with mentor to optimize implementation

**Volunteer Content Creator**, *TurkishKit* | Swift

January 2019 - November 2020

- Published articles in Turkish about iOS programming, Swift, & design principles receiving ~700 monthly reads

## SOFTWARE PROJECTS

**Oppia**, *Stanford Code the Change* | JavaScript, Angular, Protractor

- Contributed to end-to-end testing and Angular migration for the open-source educational Oppia website

**Heap Allocator**, *Computer Organization & Systems* | C

- Designed & programmed a heap allocator for the *malloc*, *realloc* & *free* memory functions from scratch

**Imprint**, *Technovation Challenge* | Swift

- Ideated & developed *Imprint*, an iOS app incentivizing eco-friendly behavior (Technovation 2018 Semifinalist)
- Pitched *Imprint* to 1500 policy-makers, business leaders and entrepreneurs at the Impact<sup>2</sup> 2019 conference

**The Code of Life** | Swift

- Created an educational 8-bit Swift playground that teaches kids programming by exploring the nature of DNA
- Presented *The Code of Life* to 120 computer science educators at the 2018 Swift Educator Summit

**Spotify Audio Analysis and Machine Learning** | Python, Spotify Web API, pandas, scikit-learn

- Analyzed Spotify playlist audio features & used scikit-learn to predict which playlist a given song belongs to

## LEADERSHIP

**Social/Service Chair**, *Stanford Code the Change*

May 2020 - Present

- Build community & foster a fun club environment for ~100 members by organizing social & service events

**Intern Program Co-Exec**, *Stanford Women in CS*

September 2019 - Present

- Select 12 WiCS interns; organize social events & workshops to support their personal/professional growth

**Lead Organizer**, *Hisar Coding Summit*

September 2017 - April 2019

- Supervised 40 workshop hosts & co-ordinated logistics/advertising; increased attendance from 50 to 300+

## AWARDS

**Rewriting the Code Fellow**

August 2019 - Present

**Apple WWDC18 Scholarship Winner**

June 2018