

# Noam Bechhofer

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## Education

- 2010-2014 (expected)**      **PhD, Computer Science;** Awesome University (MyTown)  
*Thesis title: Deep Learning Approaches to the Self-Awesomeness Estimation Problem*
- 2007-2010**      **BSc, Computer Science and Electrical Engineering;** University of HomeTown (HomeTown)  
*Minor: Awesomeology*

## Columbia University, School of General Studies

New York, NY - Graduating May 2025  
Bachelor of Arts - Computer Science (Concentration: Software Systems), GPA: 3.77 Relevant Coursework: - Data Structures: Arrays, FIFO/FILO, Lists, Queues, Trees, Hashtables, Graphs, and related algorithms - Discrete Mathematics: Proof Techniques, Set Theory, Number Theory, Combinatorics, Probability, Graphs - Fundamentals of Computer Systems: Boolean Algebra, Circuit Design, State Machines, Assembly Programming, CPU Design - Advanced Programming: Systems Programming, C, TCP/IP Networking, HTTP Server, Concurrency, UNIX - Operating Systems: Scheduling, Memory Management, File Systems, Extensive Team-based Linux Kernel hacking - Design Using C++: Taught by Bjarne Stroustrup. System Design, Best Practices, Modern C++

## University of Auckland

Auckland, New Zealand - Feb 2023 - June 2023 Certificate of Proficiency - Study Abroad Relevant Coursework: - Object Oriented Software Development: UML Modelling, SOLID, Common Object-Oriented Design Patterns, Java GUI - Mathematical Foundations of Computer Science: Finite Automata, Turing Machines, Computability, Complexity

## Skills ### Programming C, Rust, C++, Java, JavaScript, TypeScript, Python ### Software Git ### Soft Skills AGILE, Pragmatic Programming, Systems Programming, Teamwork ### Language English (native), Hebrew (conversational)

## Experience ### Teaching Assistant Columbia University, New York, NY, Sep 2022 - Present - Assist in teaching a 500+ student Introduction to Computer Science course taught in Java - Hold office hours to assist students with coursework, programming and problem solving - Monitor and provide assistance on course discussion board - Grade programming and written assignments

## Backend Developer

WDCC - Web Development & Consulting Club, Auckland, New Zealand, Apr 2023 – Aug 2023 - Contributed to back end for a student club event registration system - Integrated Stripe Checkout API - Developed internal HTTP API between frontend and backend

### Intern SkylerAI, Tel Aviv, Israel (remote), Jun 2022 - Aug 2022 - Developed a tool to cluster SMS messages by intent - Implemented model for recognizing trends in conversation using NLP software

## Activities ### External Manager Beit Ephraim Housing Co-op, 2022-23 - Participated in House executive board, voting on policies and regulations for residents - Liaison to landlord (Columbia University Residential office) - Facilitated move-ins, move-outs, and transfers - Communicated with Columbia Facilities for repairs and upkeep