

Andrew Rust

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EDUCATION

Columbia University – Fu Foundation School of Engineering and Applied Science

New York, NY

M.S. in Computer Engineering

Expected Dec 2023

Awarded Dean's MS Academic Excellence Fellowship, CTech Technology Founders Track 2023

Wake Forest University

Winston-Salem, NC

B.S. in Engineering; Minors in Computer Science and Mathematics (Major GPA: 3.8)

May 2022

Dean's List, ACC Honor Roll: '19-'20, '20-'21, Senior Oration Finalist ([about](#)), Innovation in Engineering Award

Relevant Coursework: Calculus I-III, Linear Algebra, Data Structures and Algorithms (Java), Intro Statistics, Software Engineering, Control Systems and Instrumentation, Computational Modeling, Computer Networks, Anonymity & Privacy, Artificial Intelligence

TECHNICAL SKILLS AND COMPUTER PROFICIENCIES

Programming Languages: Python, Java, MATLAB, HTML, CSS, JavaScript, R, Lua

Frameworks/Tools: Bitbucket, GitHub, Jira, React Native, LaTeX, Domo, Simulink

Creative Software: Adobe (Premiere Pro, Photoshop, XD, After Effects, InDesign) DaVinci Resolve, GIMP, Cakewalk, Bandlab, Audacity, Unity

Other: Microsoft Office, Webflow, Fusion360, Arduino, Cura, Lightburn, Firebase, Google Cloud Services (VM), Linux OS

PROFESSIONAL AND LEADERSHIP EXPERIENCE

Dub Dates Co. ([website](#))

Remote

Front-end Developer, Technology & Strategy Consultant (part-time)

Jun 2022 – Present

- Adjoined startup company as first hired employee shortly before company's inception into TechStars-Atlanta, class of 2022
- Collaborated with CTO, CEO to construct innovative mobile app to facilitate matchmaking on 14 college campuses on east coast
- Utilized software tools including Bitbucket, Jira, React Native, REST APIs, Adobe XD to wireframe and build iOS/Android app

ByteSize Learning, LLC ([website](#))

Remote, Winston-Salem, NC

Tech Lead, Instructor and Manager (part-time)

Sep 2020 – Present

- Co-founded a technology education company aimed at promoting interest in STEAM careers for children in grades 3-12
- Manage up to 10 new hires across website design, course content development, marketing, community outreach and sales
- Pitched at [2022 ACC InVenture Prize](#), [2022 WFU Demo Day](#), exhibitor at [IdeasCityWS](#), [Science & Innovation Expo of W-S](#)
- Create teaching guides, syllabi, lesson plans and projects for 8 courses in multimedia software, game design, and programming
- Design and debug e-commerce website using Webflow and white hat SEO to increase monthly traffic from 0 to 400

Din Din, LLC ([website](#))

Remote

Summer Tech Intern (part-time)

Jun 2022 – Aug 2022

- Reported directly below the COO and VP to assist in technology-related operations of venture-backed food delivery business
- Built spreadsheets compiling data on technology development, analytics, and market research for recommendations to executives
- Advised and coordinated with third-party development team to strategize on long-term product development initiatives

PROJECTS AND ACADEMIC EXPERIENCE

Sketch N' Project – Wake Forest Engineering Capstone Project ([details](#))

Winston-Salem, NC

Computer Engineer, Agile Manager

Aug 2021 – May 2022

- Collaborated with 4 fellow engineers to design an interactive, projector-based museum exhibit for Kaleideum, a local science center
- Supervised aspects of internal team dynamics, stakeholder communication, and SMART goal setting using Agile methods

EXTRACURRICULAR EXPERIENCE

Wake Forest Engineering External Advisory Council (EAC)

Winston-Salem, NC

Member, Class of 2022 Representative

Sep 2022 – Present

- Adjourn in biannual conferences with advisory council of 25 professionals and faculty to advise newly ABET-accredited program
- Evaluate curricular, professional, and personal relations with students, alumni, and institutions that impact the engineering program

Varsity Baseball – Wake Forest University

Winston-Salem, NC

Right-handed Pitcher

Jan 2019 – Jun 2022

- Devoted more than 30 hours per week year-round to athletics in addition to full-time student status

- Developed teamwork, resilience, and self-discipline skills as a member of a top-25 ACC Baseball Program

HOBBIES: Video/Music Production, Basketball, Fitness, Philosophy, Minecraft Engineering, PC Building