

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

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, Discrete Mathematics, Data Structures and Algorithms (Java), Intro Statistics, Software Engineering, Control Systems and Instrumentation, Computational Modeling, Computer Networks, Anonymity & Privacy

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

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

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