Eric Thomas Schneider

Phone: ***-***-****   **Website**: eric-unc.github.io
Email: *******@live.unc.edu   **LinkedIn**: linkedin.com/in/eric-cs

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Education
University of North Carolina at Chapel Hill   Chapel Hill, NC
Major: Computer Science (BS), Mathematics (BS)   Expected Graduation: May 2023
GPA: 3.651/4

Weddington High School   Weddington, NC
Unweighted GPA: 3.969/4

Relevant Courses
- Complete: Foundations of Programming (COMP 401), Data Structures (COMP 410), Systems Fundamentals (COMP 211), Effective Peer Tutoring (COMP 227), Computer Organization (COMP 311), Modern Web Programming (COMP 426), Languages and Computation (COMP 455), Files and Databases (COMP 521), Discrete Mathematics (MATH 381), First Course in Differential Equations (MATH 383), with Lab (MATH 383L), Linear Algebra for Applications (MATH 347).
- Planned (spring): Compilers (COMP 520), Programming Language Concepts (COMP 524), Introduction to Probability (MATH 535), Combinatorial Mathematics (MATH 548).

Experience
UNC Computer Science Department
Undergraduate Teaching Assistant   Aug 2020-present
- Tutor students in Systems Fundamentals (COMP 211) about C programming and systems concepts (such as data representation, memory management, debugging, the command line).
- Grade assignments, respond to student questions on Piazza and GroupMe, sometimes assist in lectures.
- Collaborated to create a course website to archive course material, using HTML, CSS and Bulma.

Official FTB Wiki
Administrator   Jan 2017-present
- Create and modify templates and other wiki components, using wikitext, Lua, JavaScript, and CSS.
- Develop tools and scripts to deal with various wiki tasks, usually in Ruby, occasionally in Java or Groovy.
- Refine wiki guidelines/help, manage translation projects, manage wiki community.

Editor   July 2014-present
- Write/edit content in an encyclopedic tone (obtaining over 50,000 edits) using MediaWiki, often analyzing Java (sometimes Scala or Kotlin) code to do so.
- Regularly engage with 5-20 other editors.

ESAEBSAD
Creator/Manager   Dec 2014-Dec 2017
- Created and maintained open source IRC bot in Ruby used for wiki manipulation (such as find-replace operations, redirect management, category generation, translation markup preparation).

Nuclear Control 2
Project leader/Programmer   Sep 2014-Sep 2016
- Ported and maintained popular open source Minecraft mod (with over 4 million downloads) in Java from Minecraft version 1.6.2 up to 1.7.10 with help from other contributors.

Skills and Interests
- **Strong**: Java, Ruby. **Basic**: JavaScript, C, Groovy, HTML, CSS, SQL (SQLite, MariaDB). **Some**: Lua, Python, C#, MATLAB, Mathematica, Assembly (MIPS).
- **Strong**: MediaWiki. **Basic**: Git, jQuery, Node.js, express.js, Linux, Gradle, Bulma. **Some**: Heroku, React.js.
- Hardware, digital electronics (computer construction).
- Mathematics, including calculus, linear algebra, basic proofs.
- Basic copy editing, wiki writing, administration.
- Running (3 marathons), weight training, gaming, geography, world politics, Spanish (elementary).