# Noah Huber-Feely

70 Morningside Dr.
New York, NY
✆ 931-636-8567
✉ nh2567@columbia.edu
☖ github.com/huberf

## Education

**Expected 2021** — **BS in Computer Science**, *Columbia University*, New York, NY.
- Relevant coursework: Honors Intro to Computer Science (4.0), Honors Data Structures and Algorithms (4.0)
- Cumulative GPA: 4.0

## Experience

**May 2018 – Aug 2018** — **Software Engineering Intern**, *Chartbeat*, New York, NY.
- Worked on every component of the stack with a primary focus on back-end development.
- Enhanced query speeds by up to 80% through heuristic computation
- Launched their historical analytics product out of beta. Made majority of new product feature and enhanced query performance. Lead to their all-time highest use of historical analytics following the launch.
- Advised product vision and built most projects from the front-end design stage to the back-end changes.

**Oct 2016 – Present** — **CTO**, *LifeTriage*, Huntsville, AL.
- Lead all current development and independently constructed & deployed mobile apps for iOS and Android along with a robust web app using React Native and node.js. (ctips.lifetriage.com)
- Improved loading time by over 120% with WebSockets and developed algorithms for recommendations based on collected user data.
- Directed user testing and analytics including A/B testing increasing engagement 300% with our beta testers.

**Mar 2016 – Jul 2017** — **Business Owner**, *Noah's Arc Development*, Winchester, TN.
- Built back-end APIs, mobile apps and web sites for small businesses and medium corporations.
- Delegated project tasks and handled small team management. (noahcodes.com)

**May 2015 – Sep 2015** — **Computer Science Teacher**, *PEN Foundation*, Winchester, TN.
- Crafted individualized lessons for 40 students and constructed a Wordpress site with lessons and exercises for at home learning.
- Taught K-12 students each Saturday at Winchester Public Library.

## Leadership & Projects

**Jan 2015 - Present** — **Personal Assistant and Learner (PAL) - Personal**, *NLP, Weak AI*, Winchester, TN.
- Developed a robust voice and text UI handling both intent parsing as well as execution of "skills" built on the skills framework. Employs TensorFlow to determine context. (github.com/huberf/pal)

**Sep 2015 - Aug 2016** — **Hop Around Huntsville - President**, *Data Streams, Geospatial*, Huntsville, AL.
- Constructed back-end system built for Huntsville, AL government to publicly track their bus network. Employs websockets for real time location delivery. (github.com/codeforhuntsville/transitTracks)

**Sep 2016 - Present** — **Quantified Self - Personal**, *Data Collection, Prediction and Inference*, New York, NY.
- Collect millions of data points (e.g. heart rate variability, coffee intake, task completion rate) and write systems to analyze and offer suggestions to improve myself. Employed TensorFlow models to derive correlations.

## Skills

| | |
|---|---|
| Languages | JavaScript, Java, C++, Python, R, PHP, CSS |
| Formats | HTML, LaTeX, Markdown, JSON |
| Frameworks | React Native, Node.js, Express.js, Socket.io, Amazon Alexa, React, Angular |
| Utilities | Git, VIM, Bash, MongoDB, AWS S3, Xcode, Android Studio |