DUNCAN GRUBBS

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Education

University of Rochester, Rochester, NY	Graduation expected May, 2021

B.S. Computer Science, Math minor
GPA 3.56 (Dean's List)

Sir Francis Drake High School, San Anselmo, CA	Graduated June, 2017

Member of California Scholarship Federation
GPA 4.0

Completed HarvardX CS50 course (Programming in C)	August – December 2016

Selected Relevant Course Work and Technical Projects

Course Work
- Data Structures & Algorithms, Computation & Formal Systems
- Discrete Math, Calculus I, II, III, Linear Algebra & Differential Equations
- Artificial Intelligence, Computer Organization

Projects
Change (Web Application)
- Coordinated development of a React.js web client that utilized an existing Node.js API
- Worked with a small team of backend developers to improve & build out their API

UR Skedge (Hack-a-thon Project)
- Worked in a team of two, rebuilding a web app with React.js and Ruby
- Designed and built reusable React components, managed global state with Redux

Work Experience

BarterOut, Rochester, NY	March 2018 – Present

Lead Full-Stack Engineer
- Built a REST API & Web Client using Express.js, React.js and MongoDB
- Wrote frontend & backend code, documentation, and managed a team of 5 developers
- Setup & managed: auto-deployment with TravisCI & Heroku, mLab clusters & backups

MV Code Club, Greenbrae, CA	August – December 2016 and
Coding Instructor	June – July 2017

- Taught programming fundamentals to elementary and middle school students
- Wrote individual feedback regarding students' abilities and progression

Organizations and Leadership

RocHack, University of Rochester	August 2017 – August 2018

Member and Workshop Leader
- Contributed to technical projects in a group environment
- Taught group workshops in web development and programming workflow

Technical Skills

Languages: JavaScript, Java, C, Python, Node, HTML, CSS
Frameworks/Tools: React.js, Redux, Express.js, webpack.js, Jest, TravisCI