NATE SCHICKLER

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EDUCATION

BA, Information Science | Cornell University | *Ithaca, N.Y.* | Major GPA: 3.02/4.00 **Aug. 2015–May 2019**
    Concentration: Data Science
    Minors: Business, Computer Science, Real Estate

RELEVANT COURSEWORK

Object-Oriented Programming & Data Structures • Intermediate Design & Programming for the Web • Communication & Game Development • Intro to Game Architecture • Database Systems • UNIX Tools and Scripting • C++ Programming • Operating Systems & Practicum • Intro to Machine Learning for Python • Discrete Structures • Linear Algebra • Calculus I & II • Statistical Theory & Application • Probability Models & Inference • Marketing Principles • Intro to Management • Finance • Financial Accounting • Principles of Real Estate

EXPERIENCE

Backend Developer | Cornell AppDev | *Ithaca, N.Y.* **Jan. 2018 – present**
- Developed the backend system for a bus tracking app called Bustle using Node.js with Express

President | Theta Delta Chi at Cornell University | *Ithaca, N.Y.* **Aug. 2017 – present**
- Improved operations and operational efficiency with a revamped Constitution, updated new member education process, developed recruitment system, and much more in order to further increase the quality of life for all Brothers, resulting in 100% retention rate for new members and being the first president in two years to serve more than one semester
- Formed internal Judicial Board to facilitate enforcement of standards, better accountability, and adherence to values
- Represented the Fraternity in business with alumni and other organizations
- Presided over weekly general body and executive board meetings and facilitated discussion, decision-making, and delegation
- Hosted fundraisers, blood drives, awareness events, and more, earning over $4,000 and putting in hundreds of hours of service for philanthropic causes in a period of 5 months

Resource Staff | Dornsife Technology Services, University of Southern California | *Los Angeles, C.A.* **June 2017 – Aug. 2017**
- Solved technology problems for students, administrators, and professors by resolving support tickets
- Unboxed, set up, and delivered dozens of computers and other machines directly to clients around campus

Lead Game Designer | Smokestack Games | *Ithaca, N.Y.* **Jan. 2016 – Jan. 2017**
- Provided all design documents, promotional materials, and art assets for the game *Division 12*
- Programmed Animation, UI, and particle-effect programming in Java using libGDX with Box2D
- Accepted into and presented at the Boston Festival of Indie Games at MIT

Ambassador | City of Manhattan Beach | *Manhattan Beach, C.A.* **June 2014 – June 2015**
- Represented the city, local stores, and restaurants by speaking with visitors and tourists to answer questions, provide recommendations, offer directions, and distribute maps and coupons
- Provided valuable feedback to businesses and the city in the form of written summaries of interactions with guests

SKILLS AND QUALIFICATIONS

Leadership and Professionalism
- Superior organization, strategic planning, and professional skills as a result of high-responsibility and dynamic leadership and management positions
- Developed communication and conflict-management skills through experience in both client and business interactions

Software Development
- Created significant projects using C, JavaScript, SQL, HTML, CSS, jQuery, PHP, Bash, MIPS32, etc.
- Experience working in teams and individually with git/VCS

Technical Proficiency
- Five years of experience with Photoshop CC
- Years of technical experience with Windows, MacOS, and Ubuntu
- Proficient in Microsoft Office Suite

ACTIVITIES AND HONORS

Open Source Software Development
- Portfolio: github.com/zeladada

Cornell University Orientation Leader
- Lead group of freshmen through orientation in 2016

Advanced Placement Scholar with Distinction
- Awarded by The College Board in 2015

Programmer at Beach Cities Robotics
- Active on FIRST Robotics Competition Team 294
- Committed most code contributions during 2015 season

Grammy Signature School Gold Award
- Awarded by GRAMMY Foundation in 2014

Tri-M Music Honor Society
- Granted Lifetime Member status in 2014

California Scholarship Federation
- Granted Lifetime Member status in 2014