515.508.1003
philip@kiely.xyz

PHILIP J. KIELY
Grinnell College

EDUCATION

GRINNELL COLLEGE   Class of 2020
    B.A. with Honors in Computer Science   Grinnell, IA
    Robert N. Noyce Senior Student Award, Dean's List, Roy Carver Scholar

AQUINCUM INSTITUTE OF TECHNOLOGY   Spring 2019
    Computer Science Study Abroad, 3.89 GPA, 22 Credits   Budapest, Hungary

WORK EXPERIENCE

GUMROAD   September 2020–Present
    Head of Marketing. Content, growth, support. Lead remote, part-time, asynchronous team of eight to ten.

MARKFORGED   Summer 2019, Summer 2020
    Software Engineer (2020). Implemented feature requests, bug fixes, and green-field test coverage in multiple electron applications, plus some full-stack work on eiger.io. Launched the company's first open-source software project (GOMP) and new engineering blog.
    Software Engineering Intern (2019). Contributed new features, tests, and bug fixes to https://eiger.io, 3D printer onboard software, and internal tools. Worked with coffeescript, angularjs, node, and pug.

PRINCIPAL FINANCIAL GROUP   Summer 2018
    Software Engineering Intern. Productionized a Python library to automate the generation of portfolio commentary files to save analysts four days of work per quarter. Refactored and merged two multi-thousand-line Python 2.7 libraries into one Python 3.6 library, reducing complexity in production application. Created a Java library for converting CSV and TXT files into ORC files to save 70% on storage costs on AWS Redshift.

CUNA MUTUAL GROUP   October 2017–May 2018
    Data Scientist. Implemented automated build and release scripts for Microsoft TFS using Python, R, and PowerShell. Decreased build time by 10% and implemented automated lint reporting for python code. Developed statistical models using Python and R.

ACTIVITIES

PHILIP KIELY & COMPANY   April 2019–Present
    CEO. Contracted with clients from San Francisco to Munich to provide technical services.
    Author. Writing for Software Developers, https://philipkiely.com/wfsd/

HACKATHONS   February 2017–September 2019
    PennApps: Pythia Camera. Python, AWS.
      Second Place in Best Use of AWS. https://devpost.com/software/pythia-camera
    Hack U Iowa: Compliance Accomplice. Python, NLP, SMTP/IMAP.
      Winner: Best commercial potential and Best use of Google Cloud
       https://hackuiowa.hackerearth.com/sprints/hackuiowa-1/dashboard/b41f062/submission/
    HackISU: Sound Bytes. Django, JavaScript, https://devpost.com/software/sound-bytes.
    Hack U Iowa: Save It!, Python, JavaScript.
      Winner: Best FinTech/InsureTech hack, https://devpost.com/software/registration
    HackISU: TriMap. JavaScript, HTML/CSS, https://devpost.com/software/trimap.

FARRELL'S US MARTIAL ARTS   2005–2016
    Third-Degree Black Belt in TaeKwonDo.