JUSTIN CLARK
FULL STACK SOFTWARE ENGINEER

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Technical Skills
Languages: Javascript, Python, SQL, HTML, CSS, Typescript
Frameworks/Tools: React, Node, Express, Flask, Jinja, Django, PostgreSQL, Ubuntu/Linux, Git

Software Engineering Experience
Rithm | Software Engineer Intern   *May 2023 – June 2023*
- Built new features for and debugged the Student Information System, a sophisticated live-production Django codebase used by >100 teachers and students.
- Implemented a content tagging system using Django/Python to retroactively organize thousands of assets.
- Designed and built a blogging feature with full UI for students and staff to create posts using Markdownx.
- Built factories and wrote unit/integration tests maintaining >98% test coverage throughout development.
- Utilized agile methodologies, storypointed tickets and conducted week-long sprints to implement features.

Technical Projects
JobHunter | React, Node/Express, Javascript   Github | Live Demo
- Designed full stack single page app with React frontend, Express backend and PostgresQL database.
- Implemented secure authorization and authentication routes for users using JSON Web Tokens (JWTs).
- Built RESTful API in Node/Express allowing users and admins to create listings for companies & jobs.

SillyBird | Python, Flask, PostgresQL   Github | Live Demo
- Built a full stack Twitter-like social media app with Flask, Jinja and a relational database in PostgresQL.
- Designed models and handled database queries using SQLAlchemy ORM using OOP principles.
- Utilized Bcrypt for one-way encryption to securely handle user passwords.

Professional Experience
ETANA Syria | Senior Analyst   *Jul 2019 – Mar 2023*
Amman, Jordan
- Researching and producing an array of deliverables including area and stakeholder profiles, atmospheric updates, thematic reports and requests for information (RFIs) for diplomatic and humanitarian policy makers covering security, economic, political and humanitarian dynamics across the whole of Syria.
- Presenting briefings for US and European government officials covering humanitarian, security, political and economic developments across Syria, emphasizing accessibility for experts and non-experts alike.
- Conducting and facilitating meetings in Arabic with research and graphic design staff throughout report-writing and research process.
- Synthesizing Arabic-language databases, reports and research documents into English-language studies and reports.

Syria Direct | Senior Reporter   *Oct 2016 – May 2019*
Amman, Jordan
- Led editorial meetings with junior reporters and trainees, assisting them with developing and designing reports and articles. All such meetings were conducted in Arabic.
- Researching and writing articles and investigative reports on Syria, drawing from a wide array of sources and interviewees both in Syria and abroad.
- Developed and presented several training sessions for Syrian and international staff in Arabic focused on open-source research, geolocation and data collection. Other training sessions included professional development and resume classes for Syrian trainees prior to graduation.
- Developed and presented briefings on key trends to diplomatic and humanitarian personnel.

AlBawaba | Bridge Editor/Content Writer   *Feb 2016 – Oct 2016*
Amman, Jordan
- Pitched, researched and wrote articles and photo galleries for publication on AlBawaba English.
- Monitored Arabic-language news and social media trends and developed English-language content relevant to AlBawaba's foreign readership.
- Translated Arabic content and news into English.

Health Point Foundation | Arabic Interpreter   *Dec 2015 – Jan 2016*
Mytilini, Greece
- Interpreted between Arabic and English for medical professionals treating Syrian and Iraqi refugees on the Greek island of Lesvos.

Education

Rithm School | San Francisco, CA (Remote)   *Feb 2023 – Jun 2023*
16-week full stack software development intensive with a focus on React, Express, Flask and databases.

Qasid Institute | Amman, Jordan   *Sep 2015 – Mar 2016*
Courses: Modern Standard Arabic, Media Arabic, Levantine Arabic

Bethlehem University | Palestinian Territories   *Jun 2015 – Jul 2015*
Courses: Modern Standard Arabic, Media Arabic, Levantine Arabic

Western Michigan University | Kalamazoo, MI   *Sep 2013 – Jun 2015*
Major: Arabic Language (B.A.)

Henry Ford Community College | Dearborn, MI   *Aug 2010 – May 2013*

Selected Publications

'Divide and Conquer: The Growing Hezbollah Threat to the Druze' (2019, October 21). Middle East Institute. Retrieved from mei.edu

Clark, J., & Nofal, W. (2018, November 15). 'We don't even know if he's alive': Despite promises of reconciliation, rebels and former opposition figures disappear. Syria Direct. Retrieved from syriadirect.org

Clark, J., & Nassar, A. (2019, March 18). 'Is it safe to go home?' Amid promises of amnesty in Syria, defectors abroad weigh their options. Syria Direct. Retrieved from syriadirect.org

'Despair and Decay: East Ghouta After 18 Months of Renewed Regime Rule' (2019, November 14). Retrieved from mei.edu

Clark, J. (2019, February 28). 'She's inspiring, not a victim: Women's voices in Syria media'. Retrieved from syriadirect.org