Hunter M. Allen

AllenHM@gmail.com (214) 326-0704 github.com/hmallen

Education

The University of Texas at Austin, Austin, TX **May 2011**
Bachelor of Science in Neurobiology

Baylor College of Medicine, Houston, TX **Jul. 2012 to Apr. 2015**
Doctor of Philosophy in Neuroscience (no degree received)

Skills

Python • Linux • Web3 • Algorithmic Trading • Cryptocurrency • Cybersecurity • Neuroscience • Microcontrollers • GitHub • Amazon Web Services

Professional Experience

Triage Analyst **Sep. 2019 to Present**
Security Operations Center, InteliSecure, Denver, Colorado

- Manage threat related incidents on client networks from a security operations center to prevent loss of sensitive data such as PII, PCI, and confidential business documents.
- Handle multiple clients in fields such as manufacturing, healthcare, and insurance.
- Work directly with clients to tune incident detection policies, add new policy logic, and troubleshoot issues that occur.

Investor & Algorithmic Trading Software Developer **Jun. 2014 to Sep. 2019**
Self-employed, Cryptocurrency Markets

- Full-time cryptocurrency trader with experience in a wide variety of trading and investment strategies. Developed software for technical analysis, algorithmic trade execution, sentiment analysis, alerting tools, and interfaces for data visualization and user interaction.

Freelance Developer **Aug. 2017 to Sep. 2019**
Upwork.com

- Worked on a wide range of client jobs in software development and hardware prototyping. Examples include cryptocurrency technical analysis and alert tools, an Alexa-controlled robotic hand, algorithmic trading bots with trade logic custom tailored to client specifications, and assistance for users working with cryptocurrency exchanges including support issues, transfers, and securing funds.
- Ranked in the top 5% of freelancers based on consistent job success and client feedback and awarded the title of top-tier Upwork freelancer.

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Research Associate, Dr. Hui-Chen Lu Laboratory **Apr. 2015 to Mar. 2017**
Linda and Jack Gill Center for Biomolecular Science, Indiana University Bloomington, Bloomington, IN

- Managed and headed operation of the lab's Nikon A1R multi-photon microscope.
- Continued graduate research on Alzheimer's and neurodegeneration.
- Setup and maintained patch-clamp electrophysiology rigs, built and administrated the private lab data server, and provided IT support and maintenance functions.
- Provided data analysis for lab members and trained microscope users in image analysis techniques, using software such as MATLAB, ImageJ, and Nikon NIS-Elements.

Publications

Welsh, B.T., Kirson, D., Allen, H.M., and Mihic, S.J. (2010) *Ethanol enhances taurine-activated glycine receptor function.* Alcoholism: Clinical and Experimental Research. **34**, 1634-1639.

Ali, Y.O., Allen, H.M., Yu, L., Li-Kroeger, D., Bakhshizadehmahmoudi, D., Hatcher, A., McCabe, C., Xu, J., Bjorklund, N., Taglialatela, G., Bennett, D.A., De Jager, P.L., Shulman, J.M., Bellen, H.J., Lu, H. (2016) *NMNAT2:HSP90 Complex Mediates Proteostasis in Proteinopathies*. PLoS Biology **14(6)**:e1002472.

Welsh, B.T., Todorovic, J., Kirson, D., Allen, H.M., Bayly, M.D., and Mihic, S.J. (2017) *Disruption of a putative intersubunit electrostatic bond enhances agonist efficacy at the human α1 glycine receptor*. Brain Research. **1657**:148-155.

Honors and Distinctions

Reddit Science, PLoS Science Wednesdays "Ask Me Anything" **Dec. 2016**
Official Science Subreddit (r/Science), Reddit.com

- Discussed findings published in PLoS Biology which focused on a specific mechanism underlying Alzheimer's disease pathology (Archived for citation at *The Winnower 6:e148111.15041 (2016). DOI: 10.15200/winn.148111.15041)*

Licenses & Certifications

Amateur Radio Operator, KG5CKI
Federal Communications Commission, Issued Jun. 2014 – Expires Jun. 2024

Ethereum 101
Ivan on Tech Blockchain Academy, Oct. 2020

DeFi 101
Ivan on Tech Blockchain Academy, Sep. 2020