Tomáš Horička

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 Linkedin | Github | Twitter

Bratislava - 841 04, Slovakia

OBJECTIVE

Seeking a challenging CS internship to leverage my expertise in programming, algorithm development, and problem-solving. Aiming to contribute to innovative projects at the intersection of software development, machine learning, and practical problem-solving in fields such as artificial intelligence, data analysis, and software engineering.

EXPERIENCE

- **HJ-mechanical s.r.o.[⊕]**   *January 2020 - current*
  CNC machinist/programmer   Bratislava, Slovakia
  ◦ Operating of CNC equipment

  ◦ Developing solutions in CAD softwares

  ◦ CNC machine toolpath programming

- **PP technik s.r.o. [⊕]**   *January 2022- current*
  System administrator/technical support   Skalica, Slovakia
  ◦ System administrator for company IT solutions

  ◦ Providing technical support

  ◦ Company website administrator

EDUCATION

- **Faculty of Informatics and Information Technologies STU**   *September 2022 - ongoing*
  Bachelor   Bratislava, Slovakia
  ◦ AVG grade: 1.91

- **Gymnázium F.V. Sasinka**   *June 2022*
  Secondary Education   Skalica, Slovakia

PROJECTS

- **My portfolio website**   2022
  Tools: HTML, CSS, Javascript, ReactJS, Node JS   [ ]
  ◦ Developed a SPA to serve as a portfolio website for myself

- **NFTones: NFT collection website**   2022
  Tools: HTML, CSS, Javascript, ReactJS, Node JS, Hardhat, ethers.js, Solidity, Three.js   [ ]
  ◦ Developed an interactive 3D website for a NFT song collection

- **Etheral Fund: Startup funding platform**   2024
  Tools: HTML, CSS, Javascript, ReactJS, Node JS, Hardhat, ethers.js, Solidity   [ ]
  ◦ Developed a startup funding web app on the Ethereum network.

  ◦ Winner of 1st place for the public good track at ETH Bratislava hackathon.

SKILLS

- **Programming Languages:** C, Java, Python, Bash, Solidity
- **Web Technologies:** HTML, CSS, Javascript, Three.js, ethers.js, ReactJS, React Native, Node JS
- **Database Systems:** PostgreSQL
- **Data Science & Machine Learning:** Excel, Python, Pandas, Numpy
- **DevOps & Version Control:** Enterprise Architect, UML, Git
- **Specialized Area:** Blockchain technologies, Decentralized applications
- **Other Tools & Technologies:** AutoCAD, Fusion360, Vectric

HONORS AND AWARDS

- **Competition Achievement**   *May 2024*
  ETH Bratislava   [⊕]
  ◦ 1st place for public good track with the Etheral Fund project

  ◦ 1500$ prize

ADDITIONAL INFORMATION

Languages: Slovak (C2), English (B2), Russian (A2)